

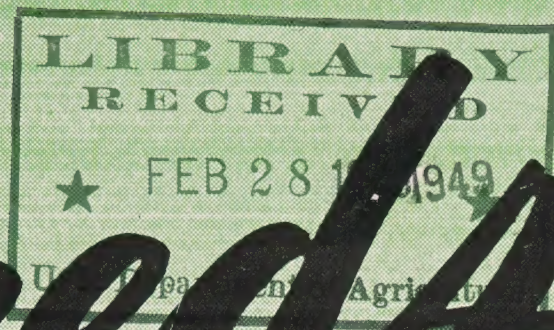
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Do not assume content reflects current scientific knowledge, policies, or practices.





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# Seeds

- ★ FIELD
- ★ GARDEN
- ★ FLOWER

for 1949—



*Quality*

**FIRST!**

**DINGEL & SMITH**  
**SEED COMPANY**

**326 Shoshone St. W.**

**Twin Falls, Idaho**



## INTRODUCTION

It is with great pleasure we present our many friends and customers with our seven-teenth annual seed catalog.

We appreciate your many orders of the past seasons and we are looking forward, with pleasure, to supplying your requirements in seeds again this season and we are sure that our relations will be most pleasant.

All of our seeds are tested for purity and germination, assuring you of the highest quality seeds obtainable.

You will be doing us a great favor by mailing your orders early, as we receive a great number of orders each day during the planting season. You may be assured of our prompt and careful attention in filling your order.

Sincerely,

DINGEL & SMITH SEED COMPANY

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### GUARANTY

Dingel & Smith Seed Company gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

DINGEL & SMITH SEED COMPANY

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## NOTICE TO CUSTOMERS

Read Carefully

### How to Make Out Your Order and Parcel Post Instructions

Before sending your order read Parcel Post Instructions carefully. All Garden and Flower seeds are priced postage paid.

Fill out your order sheet enclosed herewith, writing or printing your name and address very plainly, and use return envelope.

Remittance may be made by Postoffice or Express Money Order, Draft, Stamps or Currency. We prefer that you do not send stamps for amounts over 50c. Be sure to register your letters if they contain cash. Money orders are the safest and most economical way of remitting, whenever possible.

We can ship up to 70 lbs. in one package and as many packages of 70 lbs. or less as required to complete your order.

NOTE—When goods are priced f.o.b. Twin Falls, you pay all Postage, Freight, Express or Truck Charges.

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## PARCEL POST INSTRUCTIONS

Covering Goods Priced F.O.B. Twin Falls

When ordering goods priced f.o.b. Twin Falls you pay all transportation charges. In many cases you can save time and money by having your orders come by mail. When ordering goods priced f.o.b. Twin Falls, by mail, add postage to your order as follows:

1st Zone— 8c for first pound, 1.1c per pound for each additional pound.

2nd Zone— 8c for first pound, 1.1c per pound for each additional pound.

3rd Zone— 9c for first pound, 2.0c per pound for each additional pound.

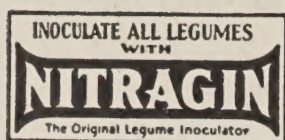
4th Zone—10c for first pound, 3.5c per pound for each additional pound.

5th Zone—11c for first pound, 5.3c per pound for each additional pound.

Where a fraction of a cent appears in the total amount of postage, it will be computed as a full cent.



# FIELD SEEDS, GRASSES, GRAINS



We are unable to quote prices on Alfalfas, Clovers, Grass Seeds and Grains covering the season owing to fluctuations of prices and we ask you to write us for quantity prices, or send us your order and we will give you the very best price consistent with quality.

We have no control over market changes, reserve the right to fill all orders at market values, on date order is received, unless instructed otherwise. All quantity prices are F.O.B. Twin Falls, unless otherwise instructed.



## Alfalfa

**COSSACK ALFALFA** is one of the hardiest and best drouth and frost resisting alfalfas. Is a heavy producer of good quality hay.

*State Certified Cossack Alfalfa. Write for prices.*

**GRIMM ALFALFA** is distinguished from common alfalfa by its branching root system and is particularly adapted to sections where the soil has a tendency to freeze and heave.

*State Certified Grimm Alfalfa. Write for prices.*

**BUFFALO ALFALFA.** The main advantage of this new variety is its resistance to bacterial wilt. It is a high producing variety and has an upright type of growth.

*Certified Buffalo Alfalfa. Write for prices.*

**COMMON ALFALFA** needs no introduction. Our seed is of the best of quality.

*Fancy Common Alfalfa. Write for prices.*

*Other grades of Common Alfalfa and Alfalfa mixtures. Write for prices and samples.*

## Clovers

**MEDIUM RED or JUNE CLOVER** is the standard strain of clover grown in all sections for hay and pasture purposes.

*Fancy Medium Red or June Clover, 10 lbs. \$5.50, F.O.B. Twin Falls. For larger quantities, write for prices.*

**ALSIKE or SWEDISH CLOVER** will do better on moist land than most other varieties of clover and is suitable for either hay or pasture.

*Fancy Alsike Clover, 10 lbs. \$4.60, F.O.B. Twin Falls. For larger quantities, write for prices.*

**WHITE DUTCH CLOVER**, a low close growing strain of clover used extensively for seeding lawns and to some extent for pasture purposes in mixtures.

*Fancy White Dutch Clover, 1 lb. \$1.35; 5 lbs. \$6.50; 10 lbs. \$12.70; F.O.B. Twin Falls. For larger quantities, write for prices.*

**LADINO CLOVER** is an extra good pasture clover for irrigated land or where plenty of water is available. Sow 5 to 6 pounds per acre.

*FANCY LADINO CLOVER. Write for prices.*

**STRAWBERRY CLOVER** is very popular for pasture use on alkali and wet soils. Its growing habits are similar to Ladino Clover. Sow 5 to 6 pounds per acre.

*Fancy Strawberry Clover. Write for prices.*

## SWEET CLOVER

A wonderful pasture and fertilizer plant. It makes a good, quick pasture. Sow 15 to 20 pounds per acre for pasture purposes. Grows well on all soils.

**WHITE BLOSSOM SWEET CLOVER** is a hardy biennial plant growing to a height of 5 to 6 feet.

*Fancy White Blossom Sweet Clover, 10 lbs. \$3.50. F.O.B. Twin Falls. For larger quantities, write for prices.*

**YELLOW BLOSSOM SWEET CLOVER** is similar to the white blossom strain except in color of blossom and does not grow as tall, also a biennial.

*Fancy Yellow Blossom Sweet Clover, 10 lbs. \$3.50. F.O.B. Twin Falls. For larger quantities, write for prices.*

*For other grades of Clovers and mixtures suitable for hay or pasture, write for prices and samples.*

*All Alfalfa and Clover Seed Prices — Subject to Change and Being Unsold.*

## Pasture Grasses



**KENTUCKY BLUE GRASS** is adapted to a wide range of soils and conditions. Is used extensively as a pasture grass, also as a lawn grass due to its close growing habits and fine color.

*Fancy Kentucky Blue Grass, 1 lb. \$1.10; 5 lbs. \$5.25; 10 lbs. \$10.25. F.O.B. Twin Falls. For larger quantities, write for prices.*

### MEADOW FESCUE

is one of our best and most valuable pasture and hay grasses. It grows 2 to 2½ feet tall, is very leafy, grows close and stands pasturing well.

*Fancy Meadow Fescue, 10 lbs. \$3.30. F.O.B. Twin Falls. For larger quantities, write for prices.*

**DOMESTIC RYE GRASS** is a good grass to grow either straight or in combination with other grasses for pasture.

*Fancy Domestic Rye Grass, 10 lbs. \$2.20. F.O.B. Twin Falls. For larger quantities, write for prices.*

**TIMOTHY** needs no introduction, as it has been grown in the west and all other sections as a hay and pasture grass. Is especially good on low moist soils.

*Fancy Timothy, 10 lbs. \$3.30. F.O.B. Twin Falls. For larger quantities, write for prices.*



**ORCHARD GRASS**

is a valuable grass for pasture or hay, fine for mixing with alfalfa, making a high quality hay. Sow 20 pounds per acre.

*Fancy Orchard Grass, 10 lbs. \$4.50. F.O.B. Twin Falls. For larger quantities, write for prices.*

**ENGLISH or PERENNIAL RYE GRASS:** The name Rye would indicate a tall, coarse grass, but the contrary is true. It is a quick, low, close growing grass of very fine quality for pasture or lawn.

*Fancy English or Perennial Rye Grass, 1 lb. 35c; 5 lbs. \$1.60 10 lbs. \$3.10. F.O.B. Twin Falls. For larger quantities, write for prices.*



**BROMUS INERMUS or BROME GRASS** is a very hardy drouth resisting grass. Yields a heavy hay crop and makes abundance of pasture. Sow 15 to 20 pounds per acre broadcast.

*Fancy Bromus Inermus or Brome Grass, 10 lbs. \$5.50. F.O.B. Twin Falls. For larger quantities, write for prices.*

**RED TOP** is a valuable grass for moist, rich soils where it thrives to best advantage. A good grass to sow in connection with other grasses for hay or pasture. Sow about 10 pounds per acre.

*Fancy Red Top, 1 lb. \$1.10; 5 lbs. \$5.25; 10 lbs. \$10.25. F.O.B. Twin Falls. For larger quantities, write for prices.*

**CRESTED WHEAT GRASS:** This hardy perennial, drouth resisting grass has made a very remarkable showing, where many other varieties have failed under dry, arid conditions. A grass of excellent quality for hay or pasture. Sow about 10 pounds per acre.

*Fancy Crested Wheat Grass, write for prices.*

## Pasture Mixtures for Irrigated Lands

We do not offer prepared mixtures for pastures, preferring to let our customers buy the grasses separately and do their own mixing. In this way the customer knows what he is buying and sowing.

We recommend the following as the mixture best adapted to irrigated lands:

- 2 pounds Kentucky Blue Grass
- 4 pounds Meadow Fescue
- 4 pounds Orchard Grass
- 4 pounds Brome Grass
- 6 pounds Domestic Rye Grass
- 5 pounds Sweet Clover, White or Yellow

25 pounds per acre.

*Irrigated Pasture Mixture, as above, 25 lbs. \$9.00. F.O.B. Twin Falls. For larger quantities, write for prices.*

**TEMPORARY PASTURE MIXTURE**

For a quick and temporary pasture mixture sow:  
10 pounds Sweet Clover, white or yellow  
15 pounds Domestic Rye Grass  
25 pounds to the acre.

*Temporary Pasture Mixture, as above, 25 lbs. \$6.50. F.O.B. Twin Falls. For larger quantities, write for prices.*

**SHORT MOISTURE PASTURE MIXTURE:** In locations where rainfall or sub-moisture is depended on, we recommend the following mixture:

- 6 pounds Crested Wheat Grass
- 6 pounds Brome Grass
- 5 pounds Sweet Clover, white or yellow blossom
- 17 pounds per acre as above.

*Short Moisture Pasture Mixture, as above, write for prices.*

*If you are interested in other pasture or hay mixtures not listed, please give us your requirements and we will be pleased to quote you prices.*

**LAWN GRASS MIXTURE**

**LAWN MIXTURE, for Country Homes:** This is a high quality mixture made up of the best of pure seed and compounded in a way to give you a fine, thick, velvety lawn in the quickest possible time.

*Fancy Lawn Grass Mixture, containing Kentucky Blue Grass, Perennial Rye Grass, Red Top and White Clover, 1 lb. 95c; 5 lbs. \$4.55; 10 lbs. \$8.90. F.O.B. Twin Falls. For larger quantities, write for prices.*

*All Grass and Clover seed prices subject to change and being unsold.*

## Sowing Instructions for Grasses

Sow all grass seed broadcast on top of the ground and harrow in lightly. Grass seeds require plenty of moisture when first sown.

**TRUCK DELIVERY EVERYWHERE**

On heavy goods it is often more convenient and quicker to ship by truck, no more expensive and often less. When ordering goods priced F.O.B. Twin Falls, advise us whether you have regular truck service and whether you want your orders to come that way. You will often find it to your advantage.

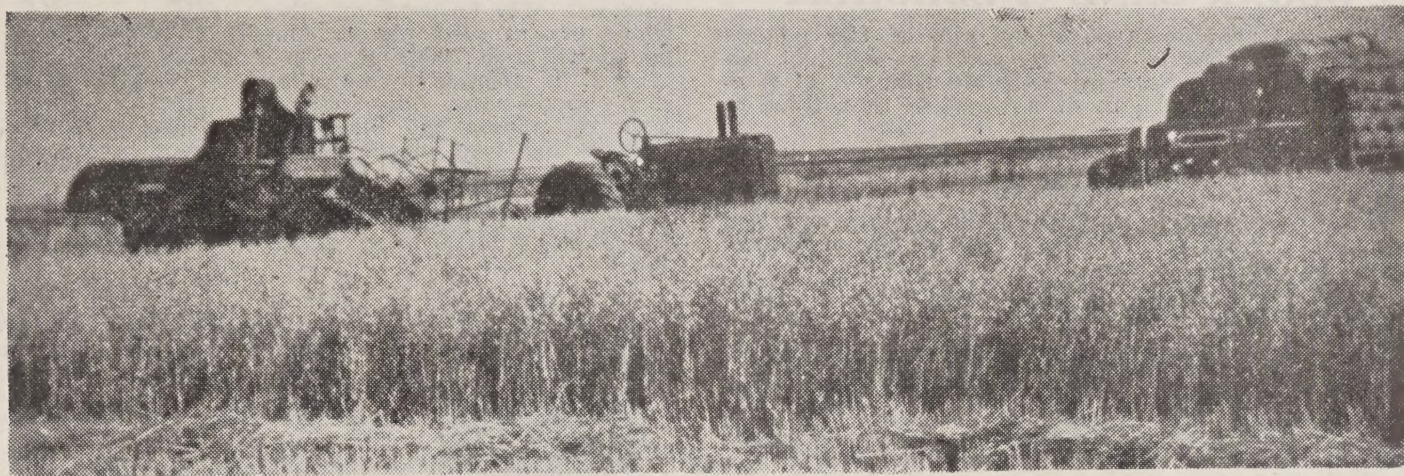
Before making up your order, read parcel post instructions on inside front cover of catalog.

## General Field Seeds

OUR RE-CLEANED GRAINS MEAN  
HIGHER YIELDS

Owing to the unsettled condition in the grain markets we are unable to quote firm prices for the season. If you are interested in any field seeds or grains, not priced, please give us your requirements and we will submit samples and quote prices.





HARVESTING OVERLAND OATS

## OATS

**OVERLAND**—This especially new oat, released recently by the Aberdeen Experimental Station, is a high yielding, early variety of excellent quality. It is about six inches shorter than the Bannock or Swedish Select oat, has a very stiff straw, and a light foliage that is practically proof against lodging, making it especially adapted for use as a nurse crop and is an exceptionally good oat to harvest with a combine.

*State Certified, Overland Oats, write for prices.*

*Uncertified, Overland Oats, write for prices.*

## WHEAT

**LEMHI**—Is a heavy yielding, early spring wheat of excellent milling quality. Does not shatter and has very stiff straw, making it less subject to lodging than Dicklow.

*State Certified Lemhi, write for prices.*

*Uncertified Lemhi, write for prices.*

**FEDERATION**: This early strain of spring wheat is distinguished by its stiff, short straw and very scant foliage that is practically proof against lodging. Is a heavy yielder of large, plump berries resembling Dicklow.

*State Certified Federation, write for prices.*

*Uncertified Federation, write for prices.*

## BARLEY

**TREBI** is a very heavy yielding strain of bearded barley. The grain is very heavy and of excellent quality.

*State Certified Trebi Barley, write for prices.*

*Uncertified Trebi Barley, write for prices.*

**GEM** is a new heavy yielding, six-rowed, semi-smooth awned, white-seeded, spring Barley that is adapted to both irrigated and non-irrigated conditions and is about four days earlier than Trebi.

*State Certified Gem Barley. Write for prices.*

*Uncertified Gem Barley. Write for prices.*

## FALL RYE

**FALL RYE**. If sown early in the spring, will soon produce a good pasture of quality feed clear through the growing season. Also if sown in the fall will produce a crop of grain. Sow 100 pounds per acre for pasture.

*Write for prices.*

## VETCH

The Vetches belong to the pea family and are very hardy. They will do well in cold sections and should make an excellent crop for our high mountain valleys.

**SAND or WINTER VETCH**: This variety thrives on poor, arid and sandy soil. It is sown in the fall or early spring and is generally mixed with grain to support it and keep it off the ground. Very hardy and makes a fine hay or pasture.

*Write for prices.*

**SPRING VETCH** is very valuable for a quick pasture or first year hay crop. Sow about 60 pounds per acre with a half-bushel of grain, early in the spring.

*Write for prices.*

## FIELD PEAS

**CANADIAN FIELD PEAS** can be sown either straight or in combination with other grains for hay or for the dry peas. Sow early at the rate of 120 pounds per acre.

*Write for prices.*

## CORN

**CASSIA COUNTY FLINT**: This is a large-eared strain of the Australian White Flint variety that has been grown in this section for a number of years. A very heavy yielder, very early and hardy. Plant 8 to 10 pounds per acre.

5 lbs. 70c; 10 lbs. \$1.25. F.O.B. Twin Falls. For larger quantities, write for prices.



## HYBRID FIELD CORN

Newly crossed hybrid seed should be obtained from your seed dealer each year, in order that the production and uniformity will continue for a satisfactory crop.

**IDAHYBRID NO. 416** is a 100-day corn that is well adapted to this locality. It is a heavy yielder of large, well-filled, yellow ears that are easily husked. The very stiff stalks are of medium height and have a remarkable standing ability.

5 lbs. \$1.00; 10 lbs. \$1.85; 100 lbs. \$17.50. F.O.B. Twin Falls.

**IDAHYBRID NO. 330** is an extra early 95-day corn of excellent quality and is a splendid corn when an early variety is needed. The well-filled yellow ears are of medium size and easy to husk. It has a very stiff stalk and strong root system, making it very resistant to wind.

5 lbs. \$1.00; 10 lbs. \$1.85; 100 lbs. \$17.50. F.O.B. Twin Falls.

## MILLET

**GOLDEN MILLET** is a very quick hay or forage crop that is used very extensively as a catch crop. Sow 30 pounds per acre broadcast any time after the danger of frost is past, up to July 10th.

*Write for prices.*

**HOG or BROOM CORN MILLET**: This crop will mature in about 70 days from sowing. The grain is of very high feeding value, particularly valuable for feeding hogs or poultry. Sow 50 pounds per acre any time after danger of frost is past, up to July 10th.

*Write for prices.*



## SUGAR CANE or SORGHUM

For hay sow broadcast at the rate of 120 pounds per acre in order to keep the hay fine and not too coarse to handle. Sow any time after danger of frost is past, up to July 1. In drill rows sow from three to five pounds per acre.

Write for prices.

## RAPE

Rape is excellent for sheep or hog pasture and also for soiling. Sow early in the spring or fall; broadcast about 10 pounds per acre.

5 lbs. \$1.60; 10 lbs. \$3.00. F.O.B. Twin Falls. For larger quantities, write for prices.

## SUDAN GRASS

SUDAN GRASS is a natural drouth resisting annual, hay or pasture plant. It will make a good crop with very little moisture also will make a good crop under irrigation. Sow broadcast 40 to 50 pounds per acre.

Write for prices.

## FLAX

Sow any time from March up to July 1, same as other grains, using at least 50 pounds of seed per acre on good land.

1 lb. 40c; 10 lbs. \$3.50. F.O.B. Twin Falls. For larger quantities, write for prices.

## SUNFLOWER

Mammoth Russian is used for silage purposes in many parts of the west. Also the grain is excellent for poultry feed when ripened. For silage plant 10 pounds per acre, for seed crop 6 pounds per acre.

1 lb. 40c; 10 lbs. \$3.50. F.O.B. Twin Falls. For larger quantities, write for prices.

All field seed prices subject to change, and being unsold.



## FERTILIZER

Vigoro is a complete plant food especially prepared to furnish the nourishment to promote growth, beauty and protection for Lawns, Flowers, Vegetable Gardens, Shrubs and Trees.

It is odorless, free from weed seed and pleasant to use. Apply 3 to 4 lbs. per 100 square feet of area, or 2 lbs. per 50 feet of row.

1 lb. bag, 15c; 5 lb bag, 50c; 10 lb. bag, 90c; 25 lb. bag, \$1.75; 100 lb. bag, \$5.00. F.O.B. Twin Falls. Ton lots, write for prices.

Vigoro Tablets, especially made for potted plants and flower boxes; package of 24 Tablets, 15c; postage paid. Vigoro prices subject to change.

## SEED DISINFECTANT



**SEMESAN:** Seed Disinfectant for beans, peas, vegetables and flower seeds, bulbs, roots, corms and tubers. Disease carried on the seed often reduce germination. Is easily applied as a dust or liquid. Effective in controlling damping off of seedlings and cuttings.

Prices:  $\frac{1}{8}$  oz. envelope, 20c; 2 oz. package, 45c; 12 oz. can, \$2.10; 4 lb. can, \$10.10; F.O.B. Twin Falls.

Don't fail to read our Grass Seed Section if you need pastures.

**SEMESAN BEL:** Dip for seed potatoes. May be used on either whole or cut seed pieces. One pound will treat 70 to 80 bushels of seed. Is effective in controlling such seed-borne diseases as scab, rhizoctonia and black leg. Protects the seed pieces against rotting by soil-borne organisms.

Prices: 2 oz. package, 35c; 1 lb. can, \$1.83; 4 lb. can, \$6.33, F.O.B. Twin Falls.



**NEW IMPROVED CERESAN.** A low-cost grain disinfectant effective in controlling bunt or stinking smuts in wheat, cover smut and stripe of barley, and oat smuts. Half ounce treats 1 bushel of grain.

Prices: 1 lb. can, 90c; 4 lb. can, \$3.00; F.O.B. Twin Falls.

Seed Disinfectant prices, subject to change.



**KILLS WEEDS  
IN 7 TO 30  
DAYS' TIME**

Revolutionary weed killer—non-corrosive, non-inflammable. Won't stain. Harmless to animals. Weedicide destroys worst weed pests, Poison Ivy, Poison Oak, Canada Thistle, Jap Honeysuckle, Bindweed—many others.

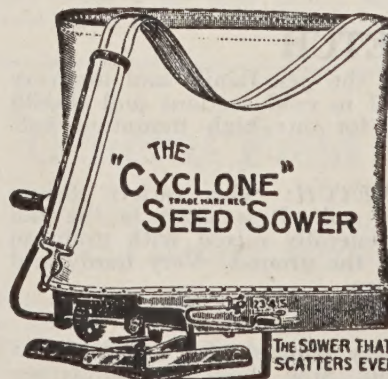
Kills weeds selectively, while not every common weed has been conquered, such primary pests as wild Morning Glory, Plantain, Poison Oak, Poison Ivy, Canadian Thistle, Dandelion and many other weed pests can now be brought under thorough control at a very low cost, by ordinary spray methods.

Regular Weedicide Liquid, 12.5%, 2,4-D Acid, 2 oz. size treats 680 sq. ft., 35c; postage paid. 8 oz. size treats 2,720 sq. ft., 75c; F.O.B. Twin Falls.

Weedicide Liquid Concentrate 40%, 2,4-D Acid, 1 pt. \$2.00; 1 qt. \$3.50; 1 gal. \$7.95; 5 gal. \$38.10. All F.O.B. Twin Falls.

For larger quantities, write for prices.

Prices subject to change. Weedicide cannot be sent by mail.



## CYCLONE SEEDERS

sow light grasses and clovers very satisfactorily. They will handle grain or seeds that require broadcasting.

Price \$3.75 F. O. B. Twin Falls. Shipping weight, 5 lbs. Price subject to change.





## NEW ALL PURPOSE Garden Hoe

The goose-necked shank permits close cultivation of plants and is an efficient hoe for mulching, cultivating and weeding your garden. Is of light weight, strong and easy to handle.

Price, \$1.45; postage paid.  
Prices subject to change.



**DOGZOFF** is effective in driving moles from their runs, in driving rats and mice from their hiding and nesting places, and in protecting fruit trees from peeling by rabbits. It also protects birds from cats. Keeps dogs and other animals away from places where they are not wanted. Harmless. Cannot injure vegetation, non-poisonous. Non-inflammable and easily sprayed.

Price, net 3 fl. oz. bottle, 75c; postage paid.  
Dogzoff price subject to change.

## Insecticides

### EVER GREEN Garden SPRAY

Its deadly pyrethrum contents kills a wide range of insects that eat leaves, destroy blossoms or suck sap. It is non-poisonous to man or animals and won't injure the tenderest blossoms. Horticultural officials recommend it.

1 oz. bottle, 35c; 6 oz. bottle, \$1.15; 1 pint bottle, \$2.45; 1 qt. bottle, \$4.10; F.O.B. Twin Falls. Shipping weight, 1 oz. bottle, 7 oz.; 6 oz. bottle, 1 lb.; 1 pint bottle, 2 lbs.; 1 quart bottle, 3 lbs.



### BOTANO DELUXE

An outstanding multi-purpose dust for use against most insects including Chewing Insects, Sucking Insects, Soil Insects, Ants, Earwigs, Spiders, and plant diseases. Containing Fermate Zerlate, Dianisyl, Trichloroethane, and the new chemical technically pure Gamma Isomer of Benzene Hexachloride.

8 oz. net in duster package, price 80c F.O.B. Twin Falls. Shipping weight, 1 lb.

### PEST-B-GON

#### 10% DDT INSECT DUST

Contains 10% DDT—for gardens and household use to control Thrips, Plant Bugs, Beetles, Worms, Leafhoppers, Fleas, Bed Bugs, Roaches, Ants and certain other insect pests.

10 oz. net in duster package, price 70c; F.O.B. Twin Falls. Shipping weight, 2 lbs.

### PEST-B-GON WETTABLE POWDER

#### 50% D.D.T.

1 lb. package, 75c. F.O.B. Twin Falls. Shipping weight, 2 lbs.

All DDT prices subject to change.

### COLORADO 44 OCTA-KILL DUST

#### CONTAINS 5% CHLORODANE

Chlordane is outstandingly effective against Ants, Roaches, Cabbage Worms, Squash Bugs, Grasshoppers,

Ligug Bugs, Certain Thrips, Aphids, Lice, Ticks and many other insects. It kills three ways—contact, stomach, and vapor. Also has a long residual period.

1 lb in duster package, 90c; 5 lb. bag, \$1.95. F.O.B. Twin Falls. Shipping weight, 1 lb. package, 2 lbs., 5 lb. bag, 6 lbs. Prices subject to change.

All Insecticide prices subject to change.

### DENOXO 10 10% DDT DUST

A dust containing 10% DDT recommended for the control of insects on garden and flower plants, Onion Thrips, Flea Beetle, Colorado Potato Beetle, Cabbage Worms, Pea Weevil, Gladioli Thrips, Earwigs and certain other garden insects.

Price, 5 lb. package \$1.15; F.O.B. Twin Falls; Shipping weight 6 lbs.

### DAMPO 50

#### 50% WETTABLE DDT POWDER

A wettable DDT powder for spraying deciduous fruit trees, for the control of Coddling Moth, Thrips, etc., also for spraying barns, out-buildings and poultry yards, for control of Flies, Fleas, Mosquitoes and other similar pests. Also for stock dip or spray for the control of Cattle Lice, Sheep Tick and other similar pests.

Prices, 2 lb. pkg. \$1.15; 4 lb. package, \$2.10; 25 lb. bag \$10.75; F.O.B. Twin Falls. Shipping weight, 2 lb. package 3 lbs.; 4 lb. package 5 lbs.; 25 lb. bag 27 lbs.

APPROX. 70,000,000 LBS. OF AIR-NITROGEN  
ABOVE EVERY ACRE. THIS IS AVAILABLE  
FREE FOR SOIL AND CROP IMPROVEMENT IF YOU  
**CONVERT LEGUME SEEDS  
INTO FERTILIZER PLANTS**

Inoculating by with  
**NITRAGIN**

51 YEARS

SERVICE

ALFALFA  
RED CLOVER  
SWT. CLOVER  
COWPEAS  
PEAS  
VETCH  
A. W. PEAS  
SOYBEANS  
LESPEDeza  
PEANUTS  
BEANS  
ALL-  
LEGUMES

### BUILD UP YOUR SOIL Inoculate Your Legumes With NITRAGIN

Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

### 1949 NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

#### ALFALFA

##### Sweet, Bur, Hubam Clovers

Size	Retail
1 bu. ea.	\$.50
2½ bu. ea.	1.00

#### CLOVERS

##### Red, Alsike, Crimson, White and Ladino

1 bu. ea.	\$.50
2½ bu. ea.	1.00

#### PEAS (All Varieties)

##### VETCHES (All Varieties)

100 lb. size (Inoculates up to 100 lbs.) ea.	\$.50
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#### BEANS—Navy, Pinto, Wax, String, Kidney, Gr. Northern

1 bu. ea.	\$.35
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#### LESPEDeza—Hulled or Unhulled

100 lb. size (Inoculates up to 100 lbs. seed) ....	\$.50
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#### PEANUTS, COW PEAS

Size	Retail
2 bu. ea.	\$.30
5 bu. ea.	.50
30 bu. (one ctn.) ea.	2.95

(Contains 6-5 bu. cans)

#### SOYBEANS (All Varieties, Including Edible)

2 bu. ea.	\$.30
5 bu. ea.	.50
25 bu. (one can) ea.	2.25
30 bu. (one ctn.) ea.	2.95

(Contains 6-5 bu. cans)

#### LUPINES (All Varieties)

100 lb. size (Inoculates up to 100 lbs. seed) ....	\$.50
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#### GARDEN SIZE

##### Garden Peas and Beans Sweet Peas, Lupines and Edible Soybeans

Enough for 8 lbs. seed  
Retail Price 15c each.

**NITRAGIN—Oldest and Most Widely Used Inoculator in America**





## GARDEN SEEDS

*Our garden seeds are all obtained from reliable sources and carefully selected to give the best results in our intermountain section.*

*As western seedsmen we know best what is adapted to western conditions and our seeds are the very best market gardener's strain that we can obtain.*

### Asparagus Seed

**MARY WASHINGTON** is a very early rust resistant strain of excellent quality and is a heavy producer of large, rich green colored stalks, with a trifle purple tint at the tips.

Pkt. 10c; 1 oz. 20c;  $\frac{1}{4}$  lb 60c; 1 lb. \$2.00. Postage paid.

**ASPARAGUS ROOTS:** By setting out the roots, a producing asparagus bed can be obtained in one or two years.

12 for 65c; 50 for \$2.00; 100 for \$3.50. Postage paid.

### Garden Beans

**Culture:** About May first, or as soon as danger of frost is past and ground is warm, plant in drills 18 inches to two feet apart and cover lightly. Cultivate well to keep down weeds. Sow about every two weeks during the spring for succession.

### DWARF GREEN PODDED BEANS

**NEW STRINGLESS or TENDERGREEN.** The plants of this very popular variety are of upright growth, strong, vigorous and very productive. The medium dark green pods are 6 to 7 inches long, round, meaty, tender and stringless; free from fiber and of excellent quality. A splendid variety for the home garden, canning or the market gardener.

Pkt. 10c;  $\frac{1}{2}$  lb. 30c; 1 lb. 50c; 5 lbs. \$2.30; 10 lbs. \$4.50. Postage paid.

**IDAHO REFUGEE.** An excellent early, mosaic resistant Refugee, adapted for the home garden, canning, or the market gardener. The plants are large, vigorous and very productive. The pods are round, light green, 5 to 6 inches long, stringless and of excellent quality and flavor.

Pkt. 10c;  $\frac{1}{2}$  lb. 30c; 1 lb. 50c; 5 lbs. \$2.30; 10 lbs. \$4.50. Postage paid.

**GIANT STRINGLESS GREEN POD.** A very productive round podded sort, maturing a little later than Burpee's stringless.

Pkt. 10c;  $\frac{1}{2}$  lb. 30c; 1 lb. 50c; 5 lbs. \$2.30; 10 lbs. \$4.50. Postage paid.

**BURPEE'S STRINGLESS.** The finest green pod stringless bean. Earliest and hardiest of all green sorts. Produces large handsome pods. Perfectly stringless. A very heavy yielder. Pods fleshy and of very fine flavor.

Pkt. 10c;  $\frac{1}{2}$  lb. 30c; 1 lb. 50c; 5 lbs. \$2.30; 10 lbs. \$4.50. Postage paid.

**BOUNTIFUL** is a very early variety, especially valuable for the home or market garden. The plant is of thrifty growth, very hardy and prolific. The pods are 6 to 7 inches long, light green color, stringless, brittle, tender and of fine quality.

Pkt. 10c;  $\frac{1}{2}$  lb. 30c; 1 lb. 50c; 5 lbs. \$2.30; 10 lbs. \$4.50. Postage paid.

### DWARF WAX PODDED BEANS

**PENCIL POD BLACK WAX.** A very heavy yielding, stringless bean of exceptionally fine quality. The long, fleshy, yellow, round pods measure from 5 to 6 inches. We strongly recommend Pencil Pod Black Wax for the home garden, canning or the market gardener.

Pkt. 10c;  $\frac{1}{2}$  lb. 30c; 1 lb. 50c; 5 lbs. \$2.30; 10 lbs. \$4.50. Postage paid.



**IMPROVED GOLDEN WAX:** The pods are very uniform and of a golden yellow, about four to five inches long and rather flat, meaty, tender and stringless. Early and of excellent quality.

Pkt. 10c;  $\frac{1}{2}$  lb. 30c; 1 lb. 50c; 5 lbs. \$2.30; 10 lbs. \$4.50. Postage paid.



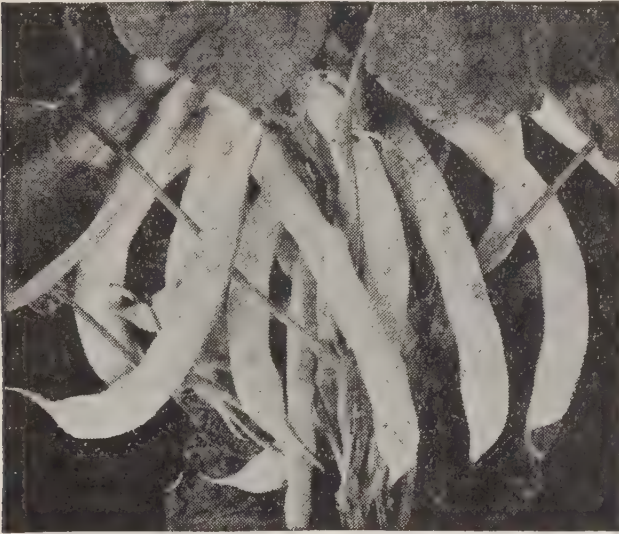
## DWARF OR BUSH LIMA BEANS

**BURPEE'S BUSH LIMA.** The plant grows 18 to 20 inches high, of stout, erect growth; a heavy yielder of large pods, well filled with large, even-sized beans of excellent quality.

Pkt. 15c; ½ lb. 35c; 1 lb. 60c; 5 lbs. \$2.80; 10 lbs. \$5.50. Postage paid.

**HENDERSON'S BUSH LIMA** grows erect 18 to 20 inches tall, requires no support; very early and productive. The beans have the true Lima flavor, buttery and tender.

Pkt. 15c; ½ lb. 30c; 1 lb. 50c; 5 lbs. \$2.30; 10 lbs. \$4.50. Postage paid.



Wax Beans

## POLE BEANS

**KENTUCKY WONDER or OLD HOMESTEAD.** Vines vigorous, climbing well; very productive; pods green, very long, often reaching 9 to 10 inches, very crisp and tender. This is a great favorite as a snap bean.

Pkt. 10c; ½ lb. 30c; 1 lb. 50c; 5 lbs. \$2.30; 10 lbs. \$4.50. Postage paid.

## Garden Beets

Sow in early spring up to July 15th

**EARLY WONDER** is a very early variety. Tops are medium small, roots semi-globular, bright red skin, vermillion red flesh, very sweet and tender. A splendid home or market garden variety.

Pkt. 10c; 1 oz. 20c; ¼ lb. 55c; 1 lb. \$1.70. Postage paid.

**CROSBY'S EGYPTIAN** is an old favorite early variety. Dark red in color, round type. One of the earliest and of excellent quality.

Pkt. 10c; 1 oz. 20c; ¼ lb. 55c; 1 lb. \$1.70. Postage paid.

**EARLY BLOOD TURNIP BEET** is an old standard general crop beet. In quality one of the finest. As the name indicates, a true round or turnip shape. Popular with market gardeners.

Pkt. 10c; 1 oz. 20c; ¼ lb. 55c; 1 lb. \$1.70. Postage paid.

**DETROIT DARK RED** is one of the finest general crop garden beets known. Quality, the finest, color very dark red, size medium and very uniform. We strongly recommend Detroit Dark Red.

Pkt. 10c; 1 oz. 20c; ¼ lb. 55c; 1 lb. \$1.75. Postage Paid.

## SWISS CHARD

**LUCULLUS** is a variety of beet, producing leaves only that are used for greens. The very large leaves are very tender and of a mild spinach-like flavor. Cultivate the same as ordinary beets.

Pkt. 10c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.50. Postage Paid.

## Stock Beets or Mangels

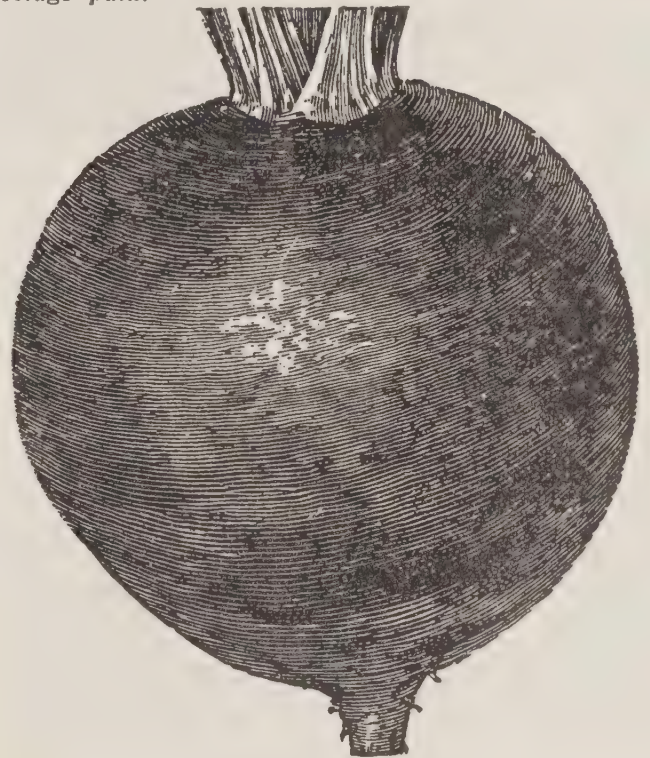
These large, heavy yielding Stock Beets produce an enormous amount of succulent feed for winter use. Plant in early spring up to June 1st, in the same way you would handle garden or sugar beets.

**DANISH SLUDSTRUP** has a long, reddish-yellow root, growing more than half above the ground and is easily harvested. It is a heavy yielder and has a very high feeding value.

1 oz. 15c; ¼ lb. 45c; 1 lb. \$1.35; 5 lbs. \$6.25. Postage paid.

**GIANT ROSE HALF SUGAR** is one of the best for fattening on account of its high sugar content. The long, oval roots are white with rose colored shoulders and white flesh. It is easily harvested and a heavy yielder.

1 oz. 15c; ¼ lb. 45c; 1 lb. \$1.35; 5 lbs. \$6.25. Postage paid.



Detroit Dark Red Beet

## Broccoli

**CALABRESE or GREEN SPROUTING** is an excellent variety for the home or market gardener. Its tall, branching plant forms a compact head of deep green flower buds, resembling a loose head of cauliflower. A delicious vegetable of excellent quality.

Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ¼ lb. \$1.00. Postage paid.

## Brussels Sprouts

**DWARF IMPROVED BRUSSELS SPROUTS** are miniature cabbage formed on the plant stalk. The compact sprouts are of excellent quality and a delicate flavor. Culture the same as cabbage. For winter use sow in May or June.

Pkt. 10c; ½ oz. 30c; 1 oz. 55c; ¼ lb. \$1.80. Postage paid.



## Cabbage

Our cabbage seed is all of the finest obtainable stock. Methods of growing cabbage are so generally understood that explanation is unnecessary. The most important point to bear in mind is to have the soil as rich as possible.

**EARLY JERSEY WAKEFIELD** is an old standard extra early variety. Pointed heads of extreme hardness. Earliness and hard heading are the outstanding feature of this excellent variety.

Pkt. 10c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.40. Postage paid.

**GOLDEN ACRE** is a popular cabbage, of the Copenhagen Market type, smaller and a trifle earlier than that famous variety. Round, very hard heads and very uniform type.

Pkt. 10c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.40. Postage paid.

**COPENHAGEN MARKET** produces a large, solid round head almost as quickly as the early pointed strains, is a good keeper and if put out late makes a fine winter cabbage. A good cabbage for the home garden or the market gardener.

Pkt. 10c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.40. Postage paid.

**GLORY OF ENKHUIZEN** is a second early sure heading, splendid keeping variety, heads large, round and very solid. Stem medium short. Especially valuable for kraut, also excellent for home and market garden.

Pkt. 10c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.30. Postage paid.



*Danish Ball Head*

**DANISH BALL HEAD.** This exceptionally fine late cabbage is a great favorite in all markets. The heads are round, medium sized, but very heavy and solid, fine grained and tender. We strongly recommend Danish Ball Head for the market or home garden.

Pkt. 10c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.40. Postage paid.

**PENN STATE BALLHEAD** was developed by the Pennsylvania State College and is one of the very best strains of the Ballhead type. Is a heavy yielder of large solid, round heads, uniform in size, shape and color, of excellent quality and a good keeper.

Pkt. 10c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.10; 1 lb. \$3.60. Postage paid.

## Red Cabbage

**MAMMOTH ROCK RED** is a hard-heading variety. Heads are as large as Premium Flat Dutch. Deep red to center and is highly recommended.

Pkt. 10c;  $\frac{1}{2}$  oz. 25c; 1 oz. 45c;  $\frac{1}{4}$  lb. \$1.50. Postage paid.

## Carrots

Sow as early in the spring as the ground is in good shape for cultivation. Make successive sowings up to July 1st. Sow in rows one-half inch deep about 3 pounds per acre on a well prepared seed bed. For winter table use sow from June 1st to June 15th.



**NEW CORELESS** is an excellent early variety for local markets or home use. The tops are small, roots are cylindrical and stump rooted, 6 to 7 inches long, of deep orange color, richly colored clear through, very crisp, solid and of excellent quality.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.30. Postage paid.

**HALF-LONG NANTES** is an excellent variety for the home garden or the early market. The roots are blunt ended, 6 to 7 inches long and about  $1\frac{1}{2}$  inches thick, cylindrical, smooth and of bright orange color. The flesh is of excellent quality, fine grained, tender, sweet, practically coreless and of bright orange color.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.30. Postage paid.

**IMPERATOR** is a splendid bunching carrot of exceptionally fine quality. The roots are smooth deep orange in color, 7 to 8 inches long, uniformly tapering to a semi-blunt end. The flesh is fine grained, tender and a rich orange in color. The tops are medium, but strong enough for bunching.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.25. Postage paid.

**EARLY SCARLET HORN** is excellent for early planting for garden use. Grow just the right size, tops small, quality very fine, color rich orange.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.25. Postage paid.



**DANVERS HALF LONG** is a very popular strain of carrot universally planted for gardening purposes. Medium length, tapering to a blunt point. A heavy yielder and of fine quality.

Pkt. 10c; 1 oz. 25c  $\frac{1}{4}$  lb. 65c; 1 lb. \$2.10. Postage paid.

**CHANTENEY or MODEL.** This excellent variety is similar to Danvers Half Long. It is very smooth and uniform in type, of a deep orange color and very fine quality. Good for winter use as well as an early carrot.

Pkt. 10c; 1 oz. 25c  $\frac{1}{4}$  lb. 65c; 1 lb. \$2.10. Postage paid.

**OXHEART or GUERANDE** is a very rapid growing variety. Type short and thick, runs very uniform as to type and size. Many people prefer Oxheart on account of its being so easy to dig. Quality fine and tender.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 65c; 1 lb. \$2.10. Postage paid.

**IMPROVED LONG ORANGE** is an old well-known sort of very fine quality. Type heavy near crown, tapering uniformly to a point. Color deep orange. A splendid keeper for winter use. Extensively grown for stock feeding as well as for table use.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 65c; 1 lb. \$2.00. Postage paid.

## Stock or Field Carrots

**WHITE BELGIUM** is a very heavy producer, often yielding 30 to 40 tons per acre in this section. Is a very large carrot tapering to a point. Is of very high feeding quality, sweet, crisp and a good keeper.

Pkt. 10c; 1 oz. 20c;  $\frac{1}{4}$  lb. 55c; 1 lb. \$1.65; 5 lbs. \$7.75. Postage paid.

For larger quantities, on all carrots, write for prices.

## Cauliflower

Culture: Handle the same way as cabbage. Needs rich soil and plenty of moisture.

**SUPER SNOWBALL.** A very desirable main crop variety, also used for early planting. The medium large compact heads are pure white in color and of excellent quality. The plants are sturdy and the leaf growth is sufficient to make tying easy. Is an excellent market or home garden variety.

Pkt. 20c;  $\frac{1}{4}$  oz. 65c;  $\frac{1}{2}$  oz. \$1.20; 1 oz. \$2.30. Postage paid.

**EARLIEST DWARF ERFURT** is a first class cauliflower, very early. One of the best and surest to head. A fine old standard sort.

Pkt. 20c;  $\frac{1}{4}$  oz. 65c;  $\frac{1}{2}$  oz. \$1.20; 1 oz. \$2.30. Postage paid.

**DANISH DRY WEATHER** is a good general crop cauliflower developed to stand hot dry weather. The heads are somewhat larger than Express Snowball. A good yielder and an excellent keeper. A good cauliflower for the main crop.

Pkt. 20c;  $\frac{1}{4}$  oz. 65c;  $\frac{1}{2}$  oz. \$1.20; 1 oz. \$2.30. Postage paid.

## Celery

**GOLDEN PLUME or WONDERFUL** is an especially good early variety. The plants are of medium size, full hearted and compact with thick solid stalks, which blanch readily and are of the finest quality.

Pkt. 10c;  $\frac{1}{4}$  oz. 25c;  $\frac{1}{2}$  oz. 45c; 1 oz. 80c;  $\frac{1}{4}$  lb. \$2.50. Postage paid.



**GOLDEN SELF-BLANCHING** is a self-blanching variety, of dwarf compact habit and ready for use very early in the season. The thick, heavy, ribbed stalks which blanch to a waxy yellow are of the finest flavor.

Pkt. 10c;  $\frac{1}{4}$  oz. 30c;  $\frac{1}{2}$  oz. 50c; 1 oz. 90c;  $\frac{1}{4}$  lb. \$3.00. Postage paid.

**ORANGE JUMBO** is an excellent variety for the market gardener or the home garden. It has a thick, heavy heart, blanches to a creamy white and has a delicious flavor.

Pkt. 10c;  $\frac{1}{4}$  oz. 30c;  $\frac{1}{2}$  oz. 50c; 1 oz. 90c;  $\frac{1}{4}$  lb. \$2.90. Postage paid.

## Sweet Corn

**EXTRA EARLY BANTAM** is an extra early variety, 10 to 12 days earlier than the regular Bantam. The size of the ear is a little smaller and slightly lighter in color and quite uniformly eight rowed and is an excellent yielder of extra good quality corn.

Pkt. 10c;  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90; Postage paid.

**EARLY GOLDEN MARKET** is an extra early corn of excellent quality. The golden colored, good sized ears are of a nice type. A good corn for the market gardener or the home garden.

Pkt. 10c;  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.80. Postage paid.



Early Golden Market



**GOLDEN BANTAM** is a very early sweet corn with golden yellow grain, very tender and of excellent quality. Ears are about 6 to 7 inches long, of medium size. The flavor is exceptionally rich and delicious.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.80. Postage paid.



Golden Bantam Sweet Corn

**IMPROVED BANTAM** is an excellent early variety for the home garden or the market gardener. It is a good yielder of large ears with 12 to 14 rows of deep yellow kernels very tender and of the finest flavor.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.80. Postage paid.

**BANTAM EVERGREEN.** The large ears of this splendid variety are covered with light yellow, deep set kernels of the finest quality. Is about six days later than Golden Bantam.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.80. Postage paid.

**STOWELL'S EVERGREEN.** A well known late white variety, of excellent quality. The large ears are from 7 to 8 inches long with 14 to 20 rows of deep kernels that are very sweet and tender. Also an excellent ensilage corn.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90; Postage paid.

## HYBRID CORN

The hybrid cross should be made each year with the hybrid corn, in order that the production and uniformity will continue for a satisfactory crop. Newly crossed seed should be obtained from your seed dealer each year.

**GOLDEN CROSS BANTAM** is a single cross hybrid corn of excellent quality, about 6 days later than Golden Bantam. The ears are 12 to 14 rowed and about 7 inches long. The kernels are a rich yellow in color, very sweet and tender. A good variety for market gardening, canning, or the home garden.

Pkt. 10c; ½ lb. 25c; 1 lb. 45c; 5 lbs. \$2.10; 10 lbs. \$3.90. Postage paid.

**MARCCROSS** is an early yellow hybrid of exceptionally good quality, about 8 days earlier than Golden Bantam. The stalks grow from 5 to 6 feet high producing ears from 6 to 7 inches long with 12 to 14 rows of deep yellow kernels that are very sweet and tender. Marccross is a very popular variety with the market or home gardens.

Pkt. 10c; ½ lb. 30c; 1 lb. 50c; 5 lbs. \$2.25; 10 lbs. \$4.10. Postage paid.

## Popcorn

**WHITE RICE HULLESS** is a heavy yielder of short, thick ears, that shells out heavy on account of very deep grains. An excellent popper, very tender and delicious.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90. Postage paid.

**BLACK GIANT** is a heavy yielder of large ears and a sure popper. Excellent for home use.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90. Postage paid.

**PEARL WHITE** is a large eared heavy yielding variety of excellent quality, for home use or the market.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90. Postage paid.

## Cucumbers

Sow seeds in open ground soon as danger of frost is past. Plant in hills and thin down to 3 or 4 in a hill.

**EARLY GREEN PROLIFIC (Boston Pickling):** A very productive variety extensively grown for pickling. Fruit bright green, medium size, smooth and uniform.

Pkt. 10c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$1.90. Postage paid.

**ARLINGTON WHITE SPINE** is an improved white spine of exceedingly fine quality, especially fine for slicing and quality good for pickling. Grows quite large and of uniform type.

Pkt. 10c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$1.90. Postage paid.

**NATIONAL PICKLING** is an early variety of dark green fruits straight and symmetrical rather blunt at each end. About 6 inches long when mature and can be used when quite small. Recommended for pickling and very productive.

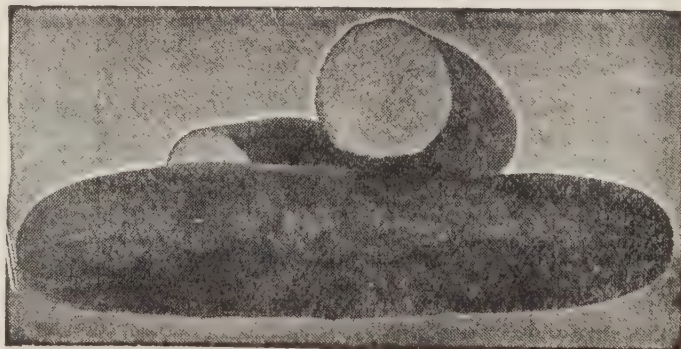
Pkt. 10c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$1.90. Postage paid.

**CHICAGO or WESTERFIELD PICKLING.** One of the very finest types of pickling cucumbers. Grown extensively by pickling establishments on account of its very uniform type and size. A heavy yielding, hardy strain.

Pkt. 10c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$1.90. Postage paid.

**IMPROVED LONG GREEN.** An old time favorite. Fruit long and slim. Exceedingly fine quality. Good for both pickling and slicing.

Pkt. 10c; 1 oz. 25c; ¼ lb. 70c; 1 lb. \$2.20. Postage paid.



Improved Long Green Cucumber



**DAVIS PERFECT.** A very fine type cucumber. One of the smoothest and most uniform in shape and color, very small seed cavity. Grown extensively for a slicing cucumber and for fancy dills.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.20. Postage paid.

**WEST INDIA GHERKIN.** A very prolific, small fruited variety, used exclusively for pickling. The fruits are 2 to 8 inches in length and about  $1\frac{1}{2}$  inches thick. The skin is bright green and thickly set with short spines.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 75c. Postage paid.

## Cress

**UPLAND or GARDEN CRESS** is especially fine for salads and garnishing, has the pungent flavor of water cress. Many people use cress to mix with lettuce to which it adds a very desirable flavor.

Pkt. 10c; 1 oz. 45c;  $\frac{1}{4}$  lb. \$1.50. Postage paid.

**CURLED CRESS or PEPPER GRASS.** The finely curled leaves are used extensively for salads. Are crisp and of a pungent flavor. It grows very quickly and is of the easiest culture.

Pkt. 10c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.10. Postage paid.

## Chickory

**ENDIVE or WITLOOF.** Sow the seed in the open in the spring. In the fall dig them and place in sand or light earth, water them and place near the heater to keep warm. When the sprouts are through the surface they are then ready for use. Very tender and delicious.

Pkt. 10c;  $\frac{1}{2}$  oz. 25c; 1 oz. 45c;  $\frac{1}{4}$  lb. \$1.50. Postage paid.

## Collards

**GEORGIA SOUTHERN COLLARDS.** Does not head, but produces a great quantity of large cabbage-like leaves, which are excellent for table greens. Also a good green feed for stock or poultry. Sow seed in rows and transplant or thin to 4 inches apart in the row.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 65c. Postage paid.

## Endive

**WHITE CURLED.** Many relish Endive on account of its pungent flavor. Use the same as lettuce. Very tender when cut young, blanches readily.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 75c. Postage paid.



## Egg Plant

**BLACK BEAUTY.** Fruits very large and of a deep, glossy purple-black color. Sow early in the house or hotbed. Transplant the same as tomatoes, when danger of frost is past.

Pkt. 10c;  $\frac{1}{2}$  oz. 40c; 1 oz. 70c;  $\frac{1}{4}$  lb. \$2.25. Postage paid.

## Garlic

**GARLIC BULBS.** The most pungent of the onion family and is used for flavoring soups, stews, sausages, etc. The bulb is composed of many small bulbs called cloves. To plant, separate the sections or cloves of each bulb and set 4 inches apart in the row. Cultivates the same as onions.

$\frac{1}{2}$  lb. 35c; 1 lb. 65c; 5 lbs. \$3.00. Postage paid.

## Garden Herbs

**CARAWAY.** Grown for the seed, which is used for flavoring of breads, pastry, etc.

Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c. Postage paid.

**DILL.** Grown chiefly for making dill pickles. Sow early in spring in rows. Cover seed  $\frac{1}{2}$  inch. Mammoth.

Pkt. 10c; 1 oz. 20c;  $\frac{1}{4}$  lb. 50c. Postage paid.

**GARDEN SAGE.** Used for seasoning meats, dressings, etc. Home grown sage is better than most commercial stock.

Pkt. 10c;  $\frac{1}{2}$  oz. 35c; 1 oz. 65c;  $\frac{1}{4}$  lb. \$2.25. Postage paid.

## Kale

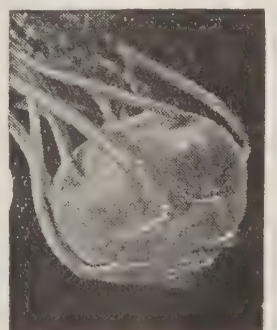
**KALE or BORECOLE.** Dwarf Green Curled. The very tender, fine flavored, curly leaves will stay green until late in the fall, making excellent greens for fall use. Can be sown anytime from spring to August. Also a fine green feed for poultry.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.25. Postage paid.

## Kohl Rabi

**WHITE VIENNA.** Kohl-rabi is a member of the cabbage family with an edible, turnip-like bulb growing above the ground. The bulb is purple in color and the flesh is an attractive greenish white, tender and delicious.

Pkt. 10c;  $\frac{1}{2}$  oz. 25c; 1 oz. 40c;  $\frac{1}{4}$  lb. \$1.30. Postage paid.



## Germaco Hotkaps

... An individual Hothouse  
for every plant





## Lettuce

Lettuce is so commonly grown by all that instructions for growing are unnecessary.

**EARLY CURLED SIMPSON.** A very early variety. Forms a close, compact mass of curly yellowish green leaves. Tender and crisp. A great favorite with market gardeners.

Pkt. 10c; 1 oz. 20c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$1.90. Postage paid.

**GRAND RAPIDS.** An exceedingly fine early lettuce and a great favorite with market gardeners for forcing. This does not form heads, but makes large, compact bunches of leaves with fringed edges.

Pkt. 10c; 1 oz. 20c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$1.90. Postage paid.

**PRIZE HEAD.** A very large, loose heading sort. Leaves crimped and fringed, outer ones shaped reddish brown. A high quality lettuce, crisp, sweet, tender. Splendid for home garden use.

Pkt. 10c; 1 oz. 20c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$1.90. Postage paid.

**IMPROVED HANSON HEAD.** A very hardy, high quality head lettuce for home use. Heads compact, with inner leaves blanched almost white. Quality fine, crisp, tender and delicious.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.10. Postage paid.

**GREAT LAKES.** This new, large, tight heading variety is very popular as a summer lettuce, as it is very resistant to tip burn, will withstand the heat and is slow to throw a seed head. The large thick leaves fold completely over the heads, which are solid, crisp and sweet.

Pkt. 10c;  $\frac{1}{2}$  oz. 30c; 1 oz. 50c;  $\frac{1}{4}$  lb. \$1.50; 1 lb. \$5.00. Postage paid.

**NEW YORK NO. 12.** An improved type of the New York variety. The large heads often weigh from  $2\frac{1}{2}$  to 3 pounds. Very crisp, hard and tender. Blanching out to a creamy white in center. An excellent home garden or market variety.

Pkt. 10c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.25. Postage paid.

**NEW YORK NO. 515.** A new variety of the regular New York type. Bred especially for resistance to tip burn. A very sure header, large sized heads, dark green color, well covered and will stand the spring heat better than other varieties of the New York type.

Pkt. 10c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.25. Postage paid.



New York Head Lettuce

**NEW YORK or LOS ANGELES MARKET.** Also known in some sections by the name of Wonderful. The heads are very large, often weighing up to two pounds, and resemble small cabbage in appearance; very firm, an exceptional keeper and wonderful shipper.

Pkt. 10c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.25. Postage paid.

**IMPERIAL 847.** An excellent black-seeded strain for late spring or summer sowing on account of its remarkable resistance to heat. The plants are low growing, medium sized and compact. The heads are medium sized, firm, dark green and of excellent quality.

Pkt. 10c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.25. Postage paid.

**CHICKEN LETTUCE.** This lettuce yields an immense amount of chicken or rabbit feed. It does not form a head, but sends up stalks 3 to 4 feet high loaded with leaves. These leaves can be pulled off like kale. When cut, it starts to grow again.

Pkt. 10c; 1 oz. 20c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$1.80. Postage paid.

## Muskmelon

Plant in rich warm soil after danger of frost is past and weather warms up. In our section this will be from the middle of May to first week in June. Sow plenty of seeds in hills 4 to 5 feet apart and thin down to 4 to 5 plants when well started.



Hearts of Gold Muskmelon



**HALE'S BEST** is an extra early salmon fleshed cantaloupe of remarkable flavor, very sweet and spicy. Seed cavity is very small with corresponding thick flesh. Type oblong, well netted, and medium size. A heavy yielder and a good shipping melon.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.25. Postage paid.

**BANANA MUSKMELON**. Yellow fleshed. Grows 15 to 20 inches long, four to six inches in diameter. The thick salmon colored flesh has a delicious flavor and gives out an aroma like a banana.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.25. Postage paid.

**ROCKY FORD**. An old favorite cantaloupe. Many prefer its spicy, delicious flavor to all others. Very popular in the markets. Type small and round with heavy netted rind, flesh green. We carry a select stock of Rocky Ford.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.25. Postage paid.

**HEARTS OF GOLD**. An exceptionally fine melon for the home garden. Also used in some sections extensively as a market melon. The melons are not large but of convenient size for table use. The rind is very firm and heavily netted; flesh rich, deep orange color; thick and of remarkable sweetness.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.25. Postage paid.

**HONEY DEW**. Something very distinct in melons. Skin perfectly smooth and of delicate yellow color. Rind thin but very firm—flesh white to emerald green. Honey Dew is very sweet and has a decided honey flavor; very delicious.

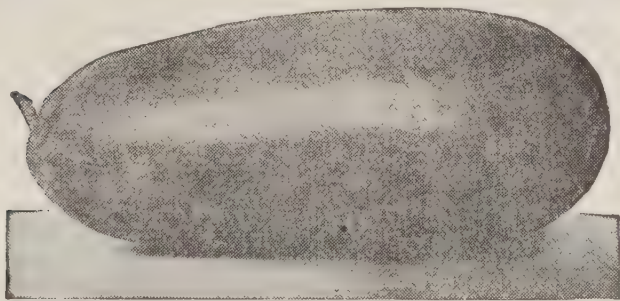
Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.25. Postage paid.

## Watermelons

Instructions for growing same as for Muskmelons.

**COLE'S EARLY**. Very early and a sure melon for our cooler sections. Oblong in shape and of good size, mottled green in color with thin brittle rind. Flesh is good red and very sweet, seeds black.

Pkt. 10c; 1 oz. 20c;  $\frac{1}{4}$  lb. 55c; 1 lb. \$1.65. Postage paid.



*Kleckley's Sweet*

**KLECKLEY'S SWEET**. A splendid sort. One of the sweetest of melons. Skin dark green, flesh bright red and very delicious. Valuable both as a market sort and as a home melon. A great favorite. Early and a heavy producer.

Pkt. 10c; 1 oz. 20c;  $\frac{1}{4}$  lb. 55c; 1 lb. \$1.75. Postage paid.

**BLACK SEEDED KLONDIKE** is a very high quality melon for the home use or shipping. The shape is medium long, slightly tapering at the seed end. Skin dark green, rind thin but tough. The flesh is dark red, very sweet and delicious.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.15. Postage paid.

**STRIPED KLONDIKE** is about the same size and shape as the green Klondike, maybe a little larger. The stripes run lengthwise and are very vivid. The flesh is extremely sweet, thick and of the best quality. The rind is thin, hard and tough, making it desirable for shipping.

Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.15. Postage paid.

**KING AND QUEEN "WINTER WATERMELON."** One of the chief values of this fine, small round melon is its keeping qualities. The skin is a light cream with faint green stripes. The flesh is a deep red, very sweet and of excellent quality. Seeds small and black. The rind is extremely strong, making it an excellent shipper.

Pkt. 10c; 1 oz. 20c;  $\frac{1}{4}$  lb. 55c; 1 lb. \$1.75. Postage paid.

## Okra or Gumbo

**DWARF GREEN** grows low and stocky. Is very productive. Okra pods are used in soups, stews and salads. The pods should be gathered each day while still tender and pulpy. Sow in open ground in May.

Pkt. 10c; 1 oz. 15c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.00. Postage paid.

## Mustard

Used extensively for greens and hard to beat for that purpose. Sow any time—early spring to August 1st.

**SOUTHERN GIANT CURLED** produces large dark green leaves with extra curled edges. Fine for salads and greens.

Pkt. 10c; 1 oz. 15c;  $\frac{1}{4}$  lb. 35c; 1 lb. 90c. Postage paid.

**WHITE LONDON MUSTARD**. Mostly grown for its large, round yellow seed, which is used extensively in pickles and for seasoning; also for greens.

Pkt. 10c; 1 oz. 15c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.00. Postage paid.

**MUSTARD SPINACH-TENDER GREEN**. The large, dark green leaves are cooked the same as spinach for greens. Also excellent for salads. Will stand extreme heat, also resistant to cold.

Pkt. 10c; 1 oz. 15c;  $\frac{1}{4}$  lb. 35c; 1 lb. 90c. Postage paid.

## Onions

Onions have become an established cash crop in most of the irrigated sections of the West. If you are growing onions commercially, good seed of the most popular market strains is of very great importance.

**MOUNTAIN DANVERS** is an extra early, good yielding market variety. Bulbs nearly round, neck small and yellow in color. A good keeper, being extremely hard and firm.

Pkt. 10c; 1 oz. 40c;  $\frac{1}{4}$  lb. \$1.25; 1 lb. \$4.50. Postage paid.

**SOUTHPORT RED GLOBE**. The Southport Red Globe is an excellent market onion on account of its appearance and keeping qualities. Very large and uniform in size, deep red in color and a good yielder.

Pkt. 10c; 1 oz. 40c;  $\frac{1}{4}$  lb. \$1.20; 1 lb. \$4.00. Postage paid.

**SOUTHPORT WHITE GLOBE**. This onion grows to a very large size and is a perfect globe shaped sort. Color pure white, a good keeper and excellent market variety.

Pkt. 10c; 1 oz. 45c;  $\frac{1}{4}$  lb. \$1.45; 1 lb. \$5.00. Postage paid.





Yellow Sweet Spanish Onion

**EBENEZER.** Is an exceptionally fine, early onion of excellent quality and a good keeper for winter use, also used for growing sets. The bulbs are of a thick, flat shape, have yellow skin, of medium size and a good yielder. The flesh is white, crisp and of excellent flavor.

Pkt. 10c; 1 oz. 40c;  $\frac{1}{4}$  lb. \$1.20; 1 lb. \$4.00. Postage paid.

**SILVER SKIN or WHITE PORTUGAL.** This beautiful white onion is fine for growing early bunch onions. It has a fine, mild flavor and is one of the best keeping white onions. Size medium, type inclined to be partly flat. A good home garden sort.

Pkt. 10c; 1 oz. 40c;  $\frac{1}{4}$  lb. \$1.25; 1 lb. \$4.50. Postage paid.

**CRYSTAL WAX** is not a long keeper but is an excellent variety for early marketings or for home use. This pure white, medium sized flat onion is extremely sweet and mild.

Pkt. 10c; 1 oz. 45c;  $\frac{1}{4}$  lb. \$1.45; 1 lb. \$5.00. Postage paid.

**YELLOW SWEET SPANISH (Utah Strain).** This is a large, fine uniform typed market onion, averaging 1 to 3 pounds. The Utah strain is a special selection from the original imported Sweet Spanish. Bulbs are true globe type, neck very small and when thoroughly cured makes a very good keeper, an especially heavy yielder.

Pkt. 10c; 1 oz. 45c;  $\frac{1}{4}$  lb. \$1.45; 1 lb. \$5.00. Postage paid.

**WHITE SWEET SPANISH** is in many respects similar to the Valencia type especially in mildness of its flavor. The pure white flesh is fine grained and unusually sweet and mild. Its white skin makes it a very desirable onion for the market.

Pkt. 10c; 1 oz. 45c;  $\frac{1}{4}$  lb. \$1.45; 1 lb. \$5.00. Postage paid.



## ONION SETS

Onion sets are perishable; they do not keep well except while weather is cool, and in consequence we have to be careful not to overstock them. Anyone wanting sets should get their order in just as early as possible.

Yellow Bottom Sets, 1 lb. 35c; 5 lbs. \$1.60; 10 lbs. \$3.00. Postage paid.

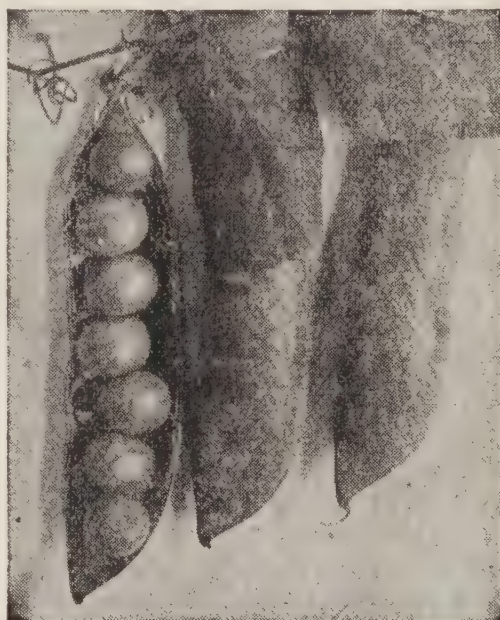
White Bottom Sets, 1 lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.20. Postage paid.

## Peas

Peas can and should be planted as soon as the ground is ready for work. The smooth seeded varieties should be planted first for earliest use and followed soon as ground warms up with the wrinkled strains for later use. Sow them real thick for best results—1 pound to 50 feet of row.

**EARLY ALASKA (Extra Early).** Well-known and extensively used as an extra early variety. Vine is strong and vigorous, 2 to 2½ feet tall, pods 2½ to 3 inches long and well filled. Ready for picking about 60 days from planting. Peas round, slightly pitted. Quality good; very productive.

Pkt. 10c;  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90. Postage paid.



Early Alaska Peas

**AMERICAN WONDER** is a very early wrinkled variety of dwarf habit, from 9 to 12 inches tall, producing an abundance of good sized and well filled pods. American Wonder is of very fine flavor, sweet and delicious.

Pkt. 10c;  $\frac{1}{2}$  lb. 25c; 1 lb. 40c; 5 lbs. \$1.80; 10 lbs. \$3.40. Postage paid.

**PREMIUM GEM** is a medium early vigorous grower, producing vines from 18 to 24 inches tall, a heavy yielder of well filled pods about 3 inches long, with green wrinkled peas of medium size, very sweet and tender.

Pkt. 10c;  $\frac{1}{2}$  lb. 25c; 1 lb. 40c; 5 lbs. \$1.80; 10 lbs. \$3.40. Postage paid.

**LAXTONIAN** is a large podded, extra early strain of exceedingly fine quality, grown extensively both as a home garden and market sort. Medium dwarf in habit of growth, but with very large pods, averaging five to six inches in length. Pods well filled with large peas of great sweetness; seldom any blank spaces in pods.

Pkt. 10c;  $\frac{1}{2}$  lb. 25c; 1 lb. 40c; 5 lbs. \$1.80; 10 lbs. \$3.40. Postage paid.



**LITTLE MARVEL** is one of the finest, early dwarf wrinkled peas. A fine variety for either the home or market garden. Height 18 inches, foliage and pods very deep green; pods 3 inches long, nearly round and square ended, containing 6 to 8 very dark green peas of high quality. Very productive.

Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 5 lbs. \$1.80; 10 lbs. \$3.40. Postage paid.

**BLISS EVERBEARING (Late).** The vines are strong, attaining a height of 2½ feet. Pods are about 3 inches long. If the first pods are picked when ready, the plants throw out new branches bearing pods which will mature in succession, which accounts for the name "Everbearing." The peas are large, wrinkled and of good flavor.

Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 5 lbs. \$1.80; 10 lbs. \$3.40. Postage paid.

**CARTER'S DAISY or DWARF TELEPHONE (Late).** Vines 18 to 20 inches high with rather coarse foliage, medium light green in color. Pods about 4 inches long and well filled with large, delicious wrinkled peas.

Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 5 lbs. \$1.80; 10 lbs. \$3.40. Postage paid.

**CARTER'S TELEPHONE (Late Pole Peas).** An excellent late, wrinkled variety for the market garden or the home use. The tall, dark green vines are coarse and very productive. The large dark green pods are about 5½ inches long, containing 8 to 10 large peas of the highest quality.

Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 5 lbs. \$1.80; 10 lbs. \$3.40. Postage paid.

## Parsley

**MOSS CURLED.** A very fine curled variety. One of the handsomest for garnishing purposes. The exceedingly curled leaves make it desirable.

Pkt. 10c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.40. Postage paid.

## Parsnips

Sow as early in spring as ground can be worked, in drills about 18 inches apart. Do not cover deep. Hoe and cultivate often. Can be left in ground all winter, which improves the flavor.

**HOLLOW CROWN SUGAR.** This is the most popular and perhaps the best all-around variety of parsnip. Roots are long, white, smooth and tender, of excellent flavor.

Pkt. 10c; 1 oz. 20c; ¼ lb. 40c; 1 lb. \$1.20. Postage paid.

**GUERNSEY.** The roots are medium long with a broad shoulder, tapered uniformly to tip. The skin is quite smooth and light in color. The flesh is fine grained, tender and sweet.

Pkt. 10c; 1 oz. 20c; ¼ lb. 40c; 1 lb. \$1.20. Postage paid.



*Hollow Crown Sugar Parsnips*

## Peppers

Sow in hotbed in March and when soil has become warm transplant in rows 2 feet apart and about 18 inches apart in row. Cultivate well. Peppers do very well in this section.

**CALIFORNIA WONDER.** A heavy producer of early, large, smooth fruits, of a deep green, becoming a bright crimson. Flesh thick and firm, sweet and of distinct flavor. Plants are thrifty and upright. An especially good pepper for the home garden or the market garden.

Pkt. 10c; ½ oz. 40c; 1 oz. 70c; ¼ lb. \$2.25; 1 lb. \$8.00. Postage paid.

**RUBY KING.** An early improved sort reaching a very large size, yet retaining the symmetrical shape of the smaller sorts. An old favorite.

Pkt. 10c; ½ oz. 35c; 1 oz. 65c; ¼ lb. \$2.15. Postage paid.

**CHINESE GIANT** is one of the best of the large Mango peppers. Its mammoth size, splendid shape and mild flavor commend it very highly.

Pkt. 10c; ½ oz. 40c; 1 oz. 70c; ¼ lb. \$2.25. Postage paid.

**PIMENTO or PERFECTION.** A medium early prolific, perfectly mild variety, with extremely thick flesh. On account of its thick flesh it will hold up for a long time and is an excellent sort for canning whole.

Pkt. 10c; ½ oz. 40c; 1 oz. 70c; ¼ lb. \$2.25. Postage paid.

**RED CHILI PEPPER.** Used in the manufacture of pepper sauce and in salads.

Pkt. 10c; ½ oz. 40c; 1 oz. 75c. Postage paid.

**LONG RED CAYENNE.** An excellent hot variety, used for canning and in pickles; also drying for winter use. Plants large and very prolific. Fruits long, deep green becoming bright red; very pungent.

Pkt. 10c; ½ oz. 40c; 1 oz. 75c. Postage paid.



## Pumpkins



*Small Sugar Pie Pumpkin*

**SMALL SUGAR PIE.** A rather small but handsome variety. Shape round, skin deep orange color, flesh grained and sweet.

*Pkt. 10c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.50. Postage paid.*

**TENNESSEE SWEET POTATO PUMPKIN.** Very hardy, productive, sweet and delicious. One of the best for cooking purposes, also an excellent variety for pies.

*Pkt. 10c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.50. Postage paid.*

**BIG TOM.** One of the best varieties for field purposes. Particularly desirable for stock feeding. Grows to very large size.

*Pkt. 10c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.50. Postage paid.*

**KING OF MAMMOTHS.** Grows to enormous size, the largest pumpkin in cultivation. It is always a winner at fairs and exhibitions. Exceptionally valuable for stock feeding.

*Pkt. 10c; 1 oz. 20c; ¼ lb. 55c; 1 lb. \$1.65. Postage paid.*



## Radish

**EARLY SCARLET TURNIP.** The standard early turnip radish; small, round, bright red, of very quick growth, crisp and tender. Scarlet turnip is a very popular radish.

*Pkt. 10c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.00. Postage paid.*

**SPARKLER—WHITE TIPPED.** One of the most popular and attractive of the early turnip sorts. The roots are of good size, bright scarlet on top, lower half white, making a very beautiful contrast.

*Pkt. 10c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.00. Postage paid.*

**FRENCH BREAKFAST.** Medium sized and very early. Shape oval or half long. Color bright red with white tip; crisp and tender. A beautiful radish and a favorite early sort.

*Pkt. 10c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.00. Postage paid.*

**CRIMSON GIANT.** This large sized turnip shaped radish does not get hollow or pithy quickly. The flesh is white, solid, crisp and of the mildest flavor. Shape varies from round to oval.

*Pkt. 10c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.00. Postage paid.*

**CINCINNATI MARKET.** The tops of this splendid radish are very small. A long, handsome, scarlet radish, ready for use about 25 days from sowing and remains in good condition until full grown.

*Pkt. 10c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.00. Postage paid.*

**WHITE ICICLE** is a beautiful transparent white variety. From 3 to 8 inches long with small tops. Crisp and brittle and remains in good condition a long time.

*Pkt. 10c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.00. Postage paid.*

**CHINESE ROSE WINTER.** Bright rose color. Shape cylindrical or largest at bottom. One of the very best for winter use. Flesh firm, crisp and tender.

*Pkt. 10c; 1 oz. 20c; ¼ lb. 40c; 1 lb. \$1.10. Postage paid.*

**CALIFORNIA MAMMOTH WHITE.** First introduced into this country by the Chinese in California. It is pure white, about one foot long and 2 to 3 inches through, tapering regularly to the tip. The flesh is tender and crisp, keeping well through the winter.

*Pkt. 10c; 1 oz. 20c; ¼ lb. 40c; 1 lb. \$1.10. Postage paid.*

## Rhubarb

A very good way to get rhubarb is to sow the seed in very rich soil and transplant the roots the following autumn to trenches well filled with good soil mixed with well-rotted manure.

**VICTORIA or MAMMOTH.** Very large, fine cooking variety. Stalks a beautiful red. Gives satisfaction everywhere.

*Pkt. 10c; 1 oz. 35c; ¼ lb. \$1.00. Postage paid.*

## Salsify or Oyster Plant

**MAMMOTH SANDWICH ISLAND.** A delicious vegetable used in stews and soups. Cultivate the same as parsnips. A part of the crop can be left in the ground until spring when it will be found fresh and plump.

*Pkt. 10c; 1 oz. 45c; ¼ lb. \$1.50. Postage paid.*

## Spinach



*Spinach*

Sow early as possible in the spring for early use or in August for fall use. If you sow in September or October, or even later, let it stand through the winter. It will bring you very early spring greens.



**KING OF DENMARK.** The large leaves are round, somewhat blistered and deep green in color. The plants grow vigorously and remain in good condition over a long period.

*Pkt. 5c; 1 oz. 15c; ¼ lb. 30c; 1 lb. 75c; 5 lbs. \$3.50. Postage paid.*

**BLOOMSDALE.** A great favorite. Thick, dark leaves, closely crimped, very fine quality, early, and lasts well.

*Pkt. 5c; 1 oz. 15c; ¼ lb. 30c; 1 lb. 75c; 5 lbs. \$3.50. Postage paid.*

**LONG STANDING.** Produces large thick, dark green leaves somewhat crumpled. Comes early and lasts well for summer use. Popular for market.

*Pkt. 5c; 1 oz. 15c; ¼ lb. 30c; 1 lb. 75c; 5 lbs. \$3.50. Postage paid.*

**NOBLE GIANT.** A very heavy yielder of large, smooth, deep green, tender leaves. The plants grow rapidly and remain in good condition a long time. An excellent variety for the home and market gardener.

*Pkt. 5c; 1 oz. 15c; ¼ lb. 30c; 1 lb. 75c; 5 lbs. \$3.50. Postage paid.*

## Winter Squash

**WARTY HUBBARD.** A popular old standard variety. Very dark green color, skin heavily warted. A wonderful keeper and none better in quality. Flesh thick, bright yellow, dry and sweet.

*Pkt. 10c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00. Postage paid.*

**DELICIOUS.** Is an early medium sized oval shaped, good keeping squash. The flesh is very thick, fine grained, yellow in color and of excellent quality.

*Pkt. 10c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00. Postage paid.*

**BANANA.** This very popular, good keeping squash grows from 1 to 2 feet in length. The flesh is firm, orange yellow in color and of excellent quality.

*Pkt. 10c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00. Postage paid.*

**MARBLEHEAD.** The Marblehead variety belongs to the Hubbard family. It is, however, considerably earlier in maturity and highly resistant to curly top. The rind is quite smooth, hard, and slate gray in color. The dry, sweet flesh is very thick and of extra good quality.

*Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.20. Postage paid.*

## Summer and Winter Squash

**TABLE QUEEN** is a small dark green, acorn-shaped squash of excellent quality. The flesh is light yellow, fine grained and is a good variety for late summer or early winter use.

*Pkt. 10c; 1 oz. 20c; ¼ lb. 55c; 1 lb. \$1.75. Postage paid.*

## Summer Squash

**EARLY WHITE BUSH** is earlier than many other varieties. Of dwarf habit and very productive. Color white, shape scalloped.

*Pkt. 10c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.60. Postage paid.*

**EARLY YELLOW SUMMER CROOKNECK.** Early and prolific. The fruits are true crookneck type. Heavily warted and of a light golden orange color. Of excellent quality.

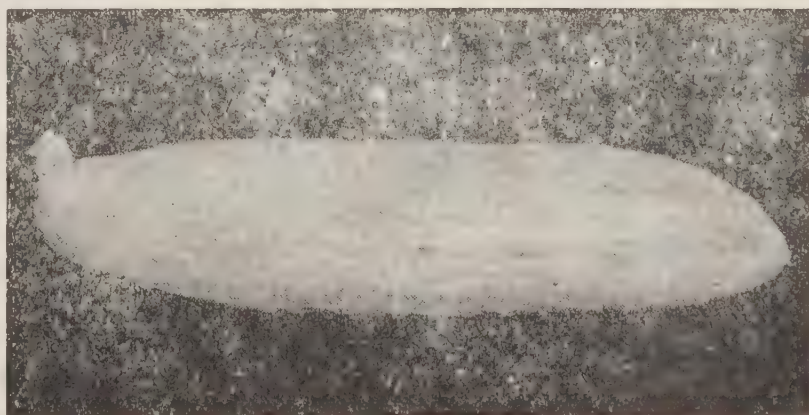
*Pkt. 10c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.60. Postage paid.*

**BLACK ZUCCHINI.** The long, slender fruits are dark green in color and the flesh is very tender and of excellent flavor if picked when 4 to 6 inches long. A bush type and very prolific.

*Pkt. 10c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.60. Postage paid.*



*Warty Hubbard Squash*



*Banana Squash*



*John Baer Tomato*

## Tomatoes

**BURBANK.** A very early, productive tomato of excellent quality. Bright crimson, smooth, unusually heavy and firm with few seeds. Keeps well and a good shipper. Very resistant to wilt and other diseases. Has the unusual feature of being easily peeled.

Pkt. 10c; 1 oz. 65c;  $\frac{1}{4}$  lb. \$2.00; 1 lb. \$7.00. Postage paid.

**MARGLOBE.** A very wilt resistant, handsome, large deep red globe shaped tomato. The plants are dark green, vigorous and very productive. The fruits are very solid and of excellent quality.

Pkt. 10c; 1 oz. 55c;  $\frac{1}{4}$  lb. \$1.75; 1 lb. \$6.00. Postage paid.

**JOHN BAER TOMATO.** An extra early tomato of remarkable quality, perhaps the most popular variety in this section. Fruit large, smooth, firm and of a bright red or scarlet color. It's hard to beat the John Baer.

Pkt. 10c; 1 oz. 55c;  $\frac{1}{4}$  lb. \$1.75; 1 lb. \$6.00. Postage paid.

**PRITCHARD or SCARLET TOPPER.** This very popular, wilt-resistant variety has the self-topping habit which prevents excessive vine growth. The medium sized, smooth, globe shaped fruits are bright red in color and of excellent quality. It is a very heavy yielder and a good variety for the home or market garden.

Pkt. 10c; 1 oz. 55c;  $\frac{1}{4}$  lb. \$1.75; 1 lb. \$6.00. Postage paid.

**PONDEROSA.** A purplish pink tomato of enormous size. Medium early, a good bearer and of good flavor. Ponderosa has many admirers, and if one wants a very large tomato this variety is unequalled.

Pkt. 10c;  $\frac{1}{2}$  oz. 45c; 1 oz. 85c;  $\frac{1}{4}$  lb. \$2.75. Postage paid.

**OXHEART TOMATO.** The fruits are very large, smooth and solid with very few seeds, some weighing 2 lbs. each and a purplish scarlet in color, with a distinct oxheart shape and of excellent flavor.

Pkt. 15c;  $\frac{1}{2}$  oz. 55c; 1 oz. \$1.00;  $\frac{1}{4}$  lb. \$3.35. Postage paid.

**EARLIANA.** This is the earliest of all tomatoes, without doubt. Large in size and beautiful in color, nearly seedless and very solid and vigorous grower and a heavy yielder. A great favorite in this locality.

Pkt. 10c; 1 oz. 65c;  $\frac{1}{4}$  lb. \$2.00; 1 lb. \$7.00. Postage paid.

## YELLOW TOMATO

**JUBILEE.** The large smooth, golden orange fruits are borne on vigorous vines which can be staked and pruned. The deep orange flesh is thick and heavy, with small seed cavities and has a mild, non-acid flavor and is very high in Vitamins A and C.

Pkt. 15c;  $\frac{1}{2}$  oz. 55c; 1 oz. \$1.00. Postage paid.

## SMALL FRUITED TOMATOES

**YELLOW PEAR TOMATO.** A small yellow pear-shaped variety used for preserving.

Pkt. 10c;  $\frac{1}{2}$  oz. 40c; 1 oz. 75c. Postage paid.

**HUSK TOMATO or GROUND CHERRY.** Fruit golden yellow, size of a cherry. Fine for pies or preserves. Easy to grow—simply sow them and let them grow.

Pkt. 10c;  $\frac{1}{2}$  oz. 40c; 1 oz. 75c. Postage paid.

## Garden Huckleberry

The seed should be started in boxes or cold frames and set out the same as tomatoes. The bushes are about 3 feet tall, which bear bunches of black berries, tomato-shaped,  $\frac{1}{2}$  to  $\frac{3}{4}$  inch in diameter, which make excellent pies and preserves. The culture is the same as with the tomato.

Pkt. 10c;  $\frac{1}{2}$  oz. 40c; 1 oz. 75c. Postage paid.



## Turnip

**PURPLE TOP WHITE GLOBE.** An early variety. Globe-shaped, heavy cropper. A handsome looking bulb, grows quite large. Good for both table and stock feeding.

Pkt. 10c; 1 oz. 15c; ¼ lb. 40c; 1 lb. \$1.25; 5 lbs. \$5.75. Postage paid.

**PURPLE TOP STRAP LEAVED.** Rapid grower and of mild flavor. Good for both table use and stock feeding. A large variety and an old favorite.

Pkt. 10c; 1 oz. 15c; ¼ lb. 40c; 1 lb. \$1.25; 5 lbs. \$5.50. Postage paid.



**EARLY WHITE EGG.** A favorite early turnip with our trade. It is oblong in shape; skin very white; flesh firm, sweet.

Pkt. 10c; 1 oz. 15c; ¼ lb. 40c; 1 lb. \$1.25. Postage paid.

**EARLY SNOWBALL.** A perfectly globe-shaped white-skinned turnip. Exceedingly productive. The flesh is fine grained, firm and of very delicate flavor.

Pkt. 10c; 1 oz. 15c; ¼ lb. 40c; 1 lb. \$1.25. Postage paid.

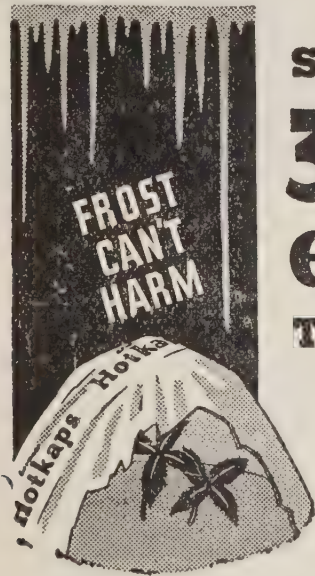
**AMBER GLOBE.** One of the best yellow-fleshed varieties. The roots are of a large size and globular shape. The skin is clear yellow except the top, which is tinged with green. The flesh is light yellow, fine grained and sweet. This variety keeps well and is a good cropper.

Pkt. 10c; 1 oz. 15c; ¼ lb. 40c; 1 lb. \$1.25. Postage paid.

## Rutabaga or Swedish Turnip

**IMPROVED AMERICAN.** This is a fine purple topped variety. Flesh yellow and very sweet; one of the best sorts for table use, also for stock feeding.

Pkt. 10c; 1 oz. 15c; ¼ lb. 40c; 1 lb. \$1.25. Postage paid.



**SURE CROPS**  
**3 weeks**  
**earlier**  
**TO MARKET**

With Germaco  
**HOTKAPS**

Each HOTKAP is a small hothouse, increasing yield from 18% to 51%. HOTKAPS ripen crops 3 weeks earlier, bringing high prices and

premium profits. Frost can't harm. Insects can't touch. Rain can't hurt your plantings. Keep a perfect mulch around plants and prevents ground crusting. Increased profits pay for them. Millions used every year. Good for the home gardeners on small plots, too.

## Hotkaps

Hotkap prices: Carton of 1,000 \$14.65; pkg. of 250 with fibre board setter, \$4.65; pkg. of 100 with fibre board setter, \$2.75; pkg. of 25 with paper board setter, 70c. All F.O.B. Twin Falls. Shipping weights Carton of 1000, 33 lbs.; pkg. of 250, 10 lbs.; pkg. of 100, 5 lbs.; pkg. of 25, 2 lbs.

Fibreboard Hotkaps Garden Setter: Price 20c, F.O.B. Twin Falls. Shipping weight 1 lb.

## TRAIN-ETTS



Cut No. TR-1

**NEW!**  
**DIFFERENT!**

## Weatherized TRELLIS NETTING

✓ Ideal Support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes, no fuss or bother. Use instead of string or wire. Wire in sun burns delicate tendrils, will last several seasons. In 3 sizes:

Price—No. 1, 60x72 inches, 65c; No. 2, 60x96 inches, 85c; No. 3, 60x180 inches, \$1.25. Postage paid.

**NATIONAL**  
**Eezy Wear**  
GARDEN GLOVES



Give you everything you want in an All-Leather, Dirt-Proof, Soft as Kid, Easy to Wear, Durable, Washable Glove. Outwears six pairs of ordinary fabric gloves. Ideal for use around the house, basement, garage, furnace, etc.

Ladies: Medium and large sizes, \$1.25 per pair. Postage paid. Men's: Medium and large sizes, \$1.35 per pair. Postage paid. Prices subject to change.

## Fix YOUR TOMATO PLANTS

Set early tomato blooms and get 20% to 30% additional crop with FIX. Large, well-shaped seedless fruit. Also melons, cucumbers, squash. Newest achievement of agricultural science!

20 TABLETS...25c

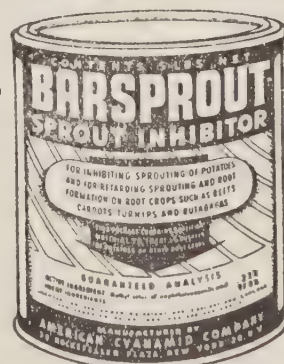
100 TABLETS \$1.00



## BARSPROUT Sprout Inhibitor

A new chemical aid for keeping potatoes stored under normal temperatures without sprouting. Saves weight usually lost by shrinkage and gives you a superior potato which cooks better, tastes better and keeps longer. Also can be used on other vegetables, such as turnips, beets, rutabagas and carrots.

A 12-oz. sifter-top can treats about 500 lbs. Price, \$1.00 F.O.B. Twin Falls. Shipping weight, 2 lbs. Prices subject to change.







*We obtain our flower seeds from the best flower seed growers and dealers and handle nothing but the finest strains. Our stock is bought in bulk and packaged by ourselves.*

## ALYSSUM

**ALYSSUM—LITTLE GEM.** An extra fine strain, the very finest. Dwarf, compact plants, producing a mass of pure white bloom from spring until fall frost. Fine for borders, edging and ornamental work.

*Pkt. 10c; ¼ oz. 40c; ½ oz. 75c.*

**ALYSSUM—VIOLET QUEEN.** A new dwarf, compact variety, especially well suited for borders and bedding purposes. The very pretty, bright violet flowers are very pleasing and fragrant.

*Pkt. 15c; ⅓ oz. 30c; ¼ oz. 50c.*

## ANTIRRHINUM-SNAPDRAGON

**ANTIRRHINUM — SNAPDRAGON.** This fine old-fashioned flower blooms continuously until late in the fall. Grows two or three feet tall. The long spikes of brilliant colored flowers are valuable for cutting. Sown in early spring it blooms freely the first season and will live throughout the winter, coming on again the next season.

Black Prince, nearly black.

Red Emperor, deep scarlet.

*Rust-Resistant*

Copper Queen, bronzy copper.

Yellow Giant, deep yellow.

Shasta, pure white.

Pink Sensation, deep pink.

Rosalie, deep rose.

Red Rocket, bright red.

Padre, rich crimson.

Salmon pink.

*Each of the above, Pkt. 15c; 1/16 oz. 40c; ⅓ oz. 70c.*

*Snapdragon—Finest Mixed, containing all choice rust resistant varieties. Pkt. 15c; 1/16 oz. 35c; ⅓ oz. 60c.*

## AGERATUM

**AGERATUM.** An early, constant bloomer. During the summer months the bright flowers are produced in the greatest profusion. The dwarf varieties are desirable for borders and edging and the tall varieties are fine for cut flowers.

*Tall Sorts Mixed, Pkt. 10c; ⅓ oz. 25c.*

**AGERATUM—MIDGET BLUE.** A fine dwarf Ageratum growing from 3 to 4 inches high with delicate fine foliage, which is practically smothered with small true ageratum blue flowers. Especially good for borders, edging, etc., and will come uniformly dwarf and true to color from seed.

*Pkt. 15c; 1/16 oz. 70c.*

## ARCTOTIS

*"Blue Eyed African Daisy"*

It forms many branch bushes, 2 to 3 feet high. Its daisy-like flowers are pearly white with a gold band surrounding a delicate mauve center. Foliage gray-green. Especially good cut flower.

*Pkt. 10c; ⅓ oz. 25c.*



*Antirrhinum Snapdragon*

## ASTERS

**SPECIAL MIXED ASTERS.** This is a special mixture of the distinct colors of the tall growing Asters, selected from the American Beauty, Giants of California, Ostrich Feather, King, Giant Branching and other desirable sorts.

*Pkt. 15c; ⅓ oz. 45c; ¼ oz. 80c.*

**QUEEN OF THE MARKET.** An early aster of graceful spreading habit. Colors run white, pink, crimson, scarlet, light blue, lavender and dark blue. We carry this strain in the mixture only.

*Pkt. 10c; ¼ oz. 50c.*

**CREGO ASTERS.** This type of Aster produces flowers of immense size, borne on stems 12 inches or more in length. Petals are wonderfully curled and twisted, resembling Chrysanthemums. Blooms from late August to October.

White  
Pink

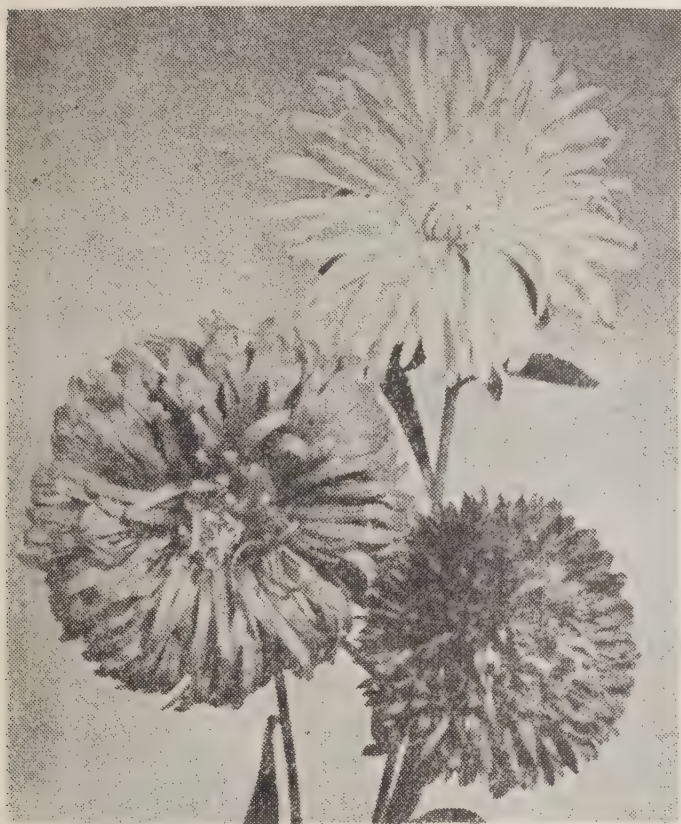
Deep Rose  
Crimson  
Blue Flame

Lavender  
Purple

*Each of the above, Pkt. 10c; ⅓ oz. 35c; ¼ oz. 60c.*

*Mixed all colors, Pkt. 10c; ⅓ oz. 35c; ¼ oz. 60c.*





Asters

**CALIFORNIA GIANT ASTERS.** The flower is of the Crego or Ostrich Feather type, but more substantial and larger, measuring 5 to 6 inches in diameter combined with the robust habit of growth and length of stem that characterizes the Beauty type. A splendid cut flower.

White	Light Blue
Deep Rose	Peach Blossom
Dark Purple	Crimson
Apple Blossom	

Each of the above, Pkt. 15c;  $\frac{1}{8}$  oz. 50c;  $\frac{1}{4}$  oz. 90c.

Mixed all colors, Pkt. 15c;  $\frac{1}{8}$  oz. 45c;  $\frac{1}{4}$  oz. 85c.

**HEART OF FRANCE ASTER.** The large beautiful deep ruby red, well rounded and fully double blooms are borne on extra large stems and are excellent for cutting. The plants are of the branching type and very robust habit.

Pkt. 15c;  $\frac{1}{8}$  oz. 45c;  $\frac{1}{4}$  oz. 85c.

**ASTERS, GIANT CALIFORNIA SUNSHINE.** The large flowers are 4 or more inches across with loosely placed outer petals, contrasting with the creamy yellow or blue centers, which are composed of many showy tiny quills. The plants grow from  $2\frac{1}{2}$  to 3 feet high and bear blossoms on stiff stems 18 to 20 inches long. Excellent for cutting. Mixed, all colors.

Pkt. 15c;  $\frac{1}{8}$  oz. 50c;  $\frac{1}{4}$  oz. 90c.

**IMBRICATED POMPOM ASTERS.** The upright plants often produce as many as 20 small pompom flowers of various shades to the plant. Blossoms very early. Excellent for cutting and has unusual keeping qualities. Height 15 inches.

Mixed all colors, Pkt. 15c;  $\frac{1}{8}$  oz. 50c.

### BALSAM—"LADY SLIPPER"

**LADY SLIPPER.** Beautiful half hardy annuals from  $1\frac{1}{2}$  to 2 feet in height. Sow seed early in spring and protect against frost. All colors mixed.

Pkt. 10c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c.

### CANDYTUFT

Showy, hardy annuals, very useful for edging and masses; excellent for cutting. Continuous bloom from July to October.

Giant Hyacinth Flowered White, Pkt. 10c;  $\frac{1}{4}$  oz. 40c.  
Finest Mixed, Pkt. 10c;  $\frac{1}{4}$  oz. 30c.

### CALENDULA—"POT MARIGOLD"

One of the finest free flowering, hardy annuals, producing a fine effect in beds or borders. The flowers are ball shaped and of a bright glistening orange color.

Special Mixture, Pkt. 10c;  $\frac{1}{4}$  oz. 45c.

### CLARKIA

Very popular as a summer annual, very hardy and easy to grow in ordinary garden soil. Plants grow about 2 feet high. Are very profuse bloomers and are exceedingly bright and attractive, especially in large masses.

Special Mixture, Pkt. 10c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 45c.

### CASTOR BEAN (See Ricinus)



Carnation

### CARNATION

**Giant Margaret Mixed**—These carnations have created a sensation, not only on account of their beautiful colors, but unlike all others, they bloom in about 4 months from sowing the seed. Blooms until checked by frost.

All colors mixed, Pkt. 15c;  $\frac{1}{8}$  oz. 60c.

### CALIFORNIA POPPY

*Eschscholtzia*

Is the state flower of California. A free flowering plant of low spreading growth.

**Golden West.** The yellow-orange centered flowers are produced from early spring until frost. Finest yellow.

Pkt. 10c;  $\frac{1}{4}$  oz. 30c;  $\frac{1}{2}$  oz. 50c.

**California Poppy—New Hybrid Mixture**—Erect, dwarf growing. This splendid mixture is made up from separate varieties of many colors.

New Hybrid Mixture, Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

### CYPRESS VINE

A most beautiful and popular tender climber, with delicate, fern-like foliage and numerous bright red and white star-shaped flowers.

Mixed Pkt. 15c;  $\frac{1}{8}$  oz. 40c.

### CENTAUREA—BACHELOR'S BUTTON

Known as Ragged Sailor or Cornflower. One of the most popular oldfashioned flowers. Easy to grow and always furnishes an abundance of bright, cheerful blooms. Colors run to blues and pinks.

Finest Mixed, Pkt. 10c;  $\frac{1}{4}$  oz. 30c.

*Centaurea Imperialis Sweet Sultan.* See page 25.





Cosmos

**CALLIOPSIS**

One of the most showy of all annuals, the colors being so striking as seldom to be passed without remark.

*Finest Mixed, Pkt. 10c; ¼ oz. 30c.*

**CARDINAL CLIMBER**

The foliage of this fine annual vine is very delicate and beautiful, will attain a height of 15 to 20 feet in a season. The leaves are of a lacy appearance. The flowers are like small Morning Glories, bright cardinal in color.

*Pkt. 15c; ½ oz. 50c.*

**COSMOS**

**COSMOS—EARLY FLOWERING SINGLE.** A very effective flowering plant with beautiful foliage, growing about 3 feet high, literally covered with large daisy-like flowers in shades of red, white and pink. Excellent as a cut flower.

*Best Early Single Mixed, Pkt. 10c; ¼ oz. 25c.*

**COSMOS—EARLY FLOWERING DOUBLE.** Grows to a height of about 3 feet, forming a perfect bush, bearing beautiful double crested flowers of good size, on long stems. In shades of crimson, pink and white.

*Best Early Double Mixed, Pkt. 15c; ¼ oz. 85c.*

**COBAEA—CATHEDRAL BELL****"VINE"**

One of the handsomest and most rapid-growing climbers. The flowers are bell-shaped and of a purplish, lilac color when full grown. It is a very prolific bloomer and vigorous in vines and flowers.

*A hardy Annual, Pkt. 10c; ¼ oz. 75c.*

**COXCOMB**

**CRESTED COXCOMB** or **CELOSIA** are interesting and brilliant annuals, which form flower heads that have the resemblance of a rooster's comb. In texture they are like plush and chenille. Fine for borders or edging.

*Best Selected Mixture of Tall Sorts, Pkt. 10c; ½ oz. 30c.*

**CRESTED COXCOMB, EMPRESS.** The dwarf plants grow about 12 inches high, have dark bronze foliage and large combs of deep, velvety crimson-purple.

*Empress, Dwarf, Pkt. 10c; ½ oz. 50c.*

**DAHLIA**

**DOUBLE MIXED.** Sow the seed early in pots or boxes or under glass and transplant in rich soil and plants will bloom the first season. They are very striking and entirely new varieties are sometimes produced from seed.

*Best Double Mixed, Pkt. 20c; 1/16 oz. 60c; ½ oz. \$1.00.*

*Unwins Dwarf Hybrids, an early flowering semi-double Dahlia, 18 to 24 inches high with a wide range of colors, Pkt. 15c; ½ oz. 65c.*

**DIANTHUS**

**DIANTHUS—DOUBLE ANNUAL GARDEN PINKS.** The flowers of this popular annual are distinguished for their brilliant contrasting variety of colors, appearing in each flower. Starts blooming very early and continues until frost.

*Best Double Mixed, Pkt. 10c; ½ oz. 45c.*

**DIANTHUS—ANNUAL PINKS.** This excellent annual blooms continually all summer long and is very beautiful, fragrant and lasting as a cut flower. Of easy culture.

*Special Mixture, Double and Single Mixed, Pkt. 10c; ½ oz. 35c.*

**FOUR O'CLOCK—"Marvel of Peru"**

**MARVEL OF PERU.** An old and well-known favorite. Fine trumpet-shaped flowers in many colors, making a fine summer hedge. Set one foot apart, sow as soon as danger of frost is past. Bloom first season from seed.

*Best Mixed, Pkt. 10c; ½ oz. 20c; 1 oz. 30c.*

**GERANIUM**

**Giant Flowering Mixed.** This exceptionally fine mixture is made up of many colors of a select giant flowering strain. They are very easily raised and will produce flowers the first year from seed.

*Special Mixture, Pkt. 20c; 1/16 oz. 60c; ½ oz. \$1.00.*

**GYPSOPHILLA**

*Angel's Breath or Baby's Breath.* Graceful plants of light, fairy-like growth. Much in demand for cutting and combining with other flowers for bouquets and vases. Very easy to grow and very popular.

*Elegans, Large Flowering White, Pkt. 10c; ¼ oz. 25c.*

*Elegans, Vivid Rose, Pkt. 10c; ½ oz. 25c; ¼ oz. 40c.*



Four O'Clock



**GODETIA**

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in rather poor soil. Many colors mixed.

*Double Gladiolus Flowered Mixed*, Pkt. 10c; ¼ oz. 30c.

**GOURDS**

Very desirable for places where an immense amount of vines is wanted quickly. The flowers are often beautiful and the fruit ornamental and sometimes useful.

*Best Mixed*, Pkt. 10c; ½ oz. 50c.

**HELIANTHUS**

**SUNFLOWER.** This special mixture of sunflowers is very showy and attractive and worthy of a place in every garden. Produce immense ball-shaped flowers.

*Spectral Mixed*, Pkt. 10c; ½ oz. 40c.

**HELIOTROPE**

Deliciously fragrant flower of rich purple hue. The flowers and leaves have a mossy effect. Bloom from seed the first summer if sown early in spring.

*Giant Hybrids Mixed*, Pkt. 15c; 1/16 oz. 50c.

**KOCHIA or BURNING BUSH**

Summer Cypress or Burning Bush. Forms dense bushes of cypress-like appearance. During early fall they change to carmine and blood red.

Pkt. 10c; ½ oz. 30c.

**ANNUAL LARKSPURS**

The flowers are remarkable for their great beauty, diversity of shape and striking appearance. Desirable for mixed borders. Flowers grow on long spikes and run through various shades of blue, pink and white.

*Giant Hyacinth Flowered, Mixed*, Pkt. 15c; ½ oz. 40c.

**LARKSPUR GIANT IMPERIAL**

**THE GIANT IMPERIAL** is an excellent variety for cut flowers as the flower stems, 3 to 4 feet long, branch from the base of the plants.

**GIANT IMPERIAL, GLORIA IMPROVED**, rich deep salmon rose.

**GIANT IMPERIAL DAZZLER**, a rich scarlet.

**GIANT IMPERIAL, MISS CALIFORNIA**, deep pink, shaded salmon.

**GIANT IMPERIAL, WHITE KING**, pure glistening white.

**GIANT IMPERIAL, BLUE SPIRE**, deep oxford blue.

*Any of the above*, Pkt. 10c; ¼ oz. 50c.

*Giant Imperial Mixed*, Pkt. 10c; ¼ oz. 50c.

**LINUM or FLOWERING FLAX**

Crimson flax, one of the handsomest annuals ever introduced. Fine foliage, brilliant scarlet flowers. A mass of bloom all summer long.

**RUBRUM, Crimson Flax**, Pkt. 10c; ¼ oz. 25c.

**Blue Flax, Siberian Blue**, Pkt. 10c; ¼ oz. 25c.

**LOBELIA**

These are charming little plants covered with numerous small blue blossoms all summer. They flower from seed the first year. Used extensively for borders.

*Mrs. Clibran Deep Blue, White eye*, Pkt. 15c; 1/16 oz. 50c.

*Blue Gown Clear deep blue, without white eye, fine Compact habit*, Pkt. 15c; 1/16 oz. 70c.

**MOON FLOWER**

A beautiful, rapid annual climber. The very dense foliage is covered with large, white flowers every evening and cloudy day. The seed should be notched and soaked in warm water for 24 hours before planting to assist rapid germination.

*Giant White*, Pkt. 10c; ½ oz. 30c; 1 oz. 50c.

**MARIGOLD**

*Marigold—Dwarf French*

**MARIGOLD—TALL AFRICAN.** The Marigolds are old favorites, free flowering annual of easy culture. Bloom all season and are very showy with their large yellow and orange blossoms.

*Tall African Mixed, large double flowers*, Pkt. 10c; ½ oz. 45c; ¼ oz. 80c.

**FRENCH MARIGOLD.** A dwarf growing strain of Marigolds, more graceful than the tall African variety and of a wider range of color, running from the bright yellow into browns. Very attractive as cut flowers.

*Dwarf French Single and Double Mixed*, Pkt. 10c; ¼ oz. 50c.

**MARIGOLD, MAMMOTH MUM.** The large chrysanthemum flowered, fluffy, ball-like, light sulphur-yellow blooms, 3½ inches or more across, are borne on long, sturdy stems. The plants grow about 30 inches tall.

Pkt. 20c; ½ oz. 60c.

**MARIGOLD, Crown of Gold.** The first Marigold to have odorless foliage. The beautiful, large orange colored petals, with a collar of flat guard petals on the outside. The plants grow about 2 feet tall.

Pkt. 10c; ¼ oz. 60c.

**SUPREME MARIGOLD.** The large, brilliant lemon yellow blooms are 4 inches across, with broad, loose frilled petals, and have a mild honey fragrance. The plants are vigorous, with foliage practically free from the marigold odor.

*Yellow Supreme, Lemon Yellow*, Pkt. 10c; ½ oz. 35c; ¼ oz. 60c.

*Orange Supreme, Deep Orange*, Pkt. 15c; ½ oz. 45c; ¼ oz. 80c.

**MARIGOLD—SUPREME MIXED.** A splendid mixture containing Orange Supreme, Golden Supreme, Primrose Supreme and other shades. The flowers are 4 to 5 inches across with big, frilled petals.

*Supreme Mixed*, Pkt. 15c; ½ oz. 45c; ¼ oz. 85c.

**MIGNONETTE**

No garden is complete without this fragrant plant. Very free flowering and easily raised. An old favorite. *Machet Select.* This is the finest of sorts.

Pkt. 10c; ½ oz. 35c; ¼ oz. 60c.



**MYOSOTIS—"Forget-me-not"**

One of the best spring flowers and especially effective when grown in masses. Excellent for beds and flowers. Forget-Me-Nots do best in cool, moist soils and half shades, blooming most freely during the spring and fall months.

Alpestris, Royal Blue, a rich blue also known as Indigo Blue.

Pkt. 10c;  $\frac{1}{8}$  oz. 50c.

Alpestris Mixed, Pkt. 10c;  $\frac{1}{8}$  oz. 40c.

**MORNING GLORIES**

**FINEST TALL MIXED MORNING GLORY.** The climbing plants are unequalled for rapidity of growth and production of blooms, covering a wide range of colors. Annuals, attaining a height of 20 to 30 feet.

Finest Mixed, Tall Growing, Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 30c.

**CRIMSON RAMBLER—MORNING GLORY.** Bright ruby red flowers with an attractive white throat. The vigorous fast climbing vines will cover an arbor or fence in record time.

Pkt. 10c.  $\frac{1}{4}$  oz. 40c.

**PEARLY GATES—MORNING GLORY.** The enormous flowers are a lovely white with a creamy shading deep down in the throat, which average  $4\frac{1}{2}$  inches across. The vigorous fast climbing vines produce an abundance of bloom from the middle of summer until frost. The leaves are heart-shaped and fresh light green in color.

Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c.

**HEAVENLY BLUE—MORNING GLORY.** The large bright flowers are a true deep blue with a white throat, measuring  $3\frac{1}{2}$  to 4 inches across and exceptionally pretty. They blossom profusely and for a long season.

Pkt. 10c;  $\frac{1}{4}$  oz. 40c.

**SCARLET O'HARA—MORNING GLORY.** The rich wine red or deep crimson colored flowers, from  $3\frac{1}{2}$  to 4 inches across, are produced freely on the rapid growing vines until frost. They are very showy for covering a fence or trellis. The dark green foliage does not make a heavy growth, giving the plants a graceful appearance.

Pkt. 15c;  $\frac{1}{4}$  oz. 60c.

**NASTURTIUMS**

**NASTURTIUMS.** No garden is complete without this attractive and popular annual. Its varied and brilliant colors, its refreshing odor makes it desirable for table decoration. Blooms continue until frost.

Tall Double and Single Mixed, finest strain, Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 65c.

Dwarf Double and Single Mixed, finest strain, Pkt. 10c; 1 oz. 25c;  $\frac{1}{4}$  lb. 65c.



Nasturtium—Gleam Type

**TALL DOUBLE NASTURTIUMS—Gleam Type.** This new plant produces a mass of large, semi-double, sweet scented flowers from  $2\frac{1}{2}$  to 3 inches across. They are borne on erect, stiff stems, 6 inches in length, standing well above the foliage, which are splendid for cutting.

Double Golden Gleam, Rich Golden Yellow, Pkt. 10c; 1 oz. 30c;  $\frac{1}{4}$  lb. 90c.

Double Mahogany, Dark Mahogany Red, Pkt. 10c; 1 oz. 30c;  $\frac{1}{4}$  lb. \$1.00.

Double Scarlet, Fiery Orange Scarlet, Pkt. 10c; 1 oz. 30c;  $\frac{1}{4}$  lb. \$1.00.

**NASTURTIUMS. Double Gleam Hybrids.** A splendid mixture of large, double sweet scented blooms, on long stems, in gorgeous colors of salmon, golden yellow, orange, scarlet, cerise, cream, yellow and crimson.

Double Glorious Gleam Hybrids Mixed, Pkt. 10c; 1 oz. 30c;  $\frac{1}{4}$  lb. 90c.

**NIGELLA—"Love in a mist"**

The plants of this hardy, old-fashioned annual are compact and free flowering, with finely cut foliage and attractive large semi-double flowers.

Double Mixed, white and various shades of blue, Pkt. 10c;  $\frac{1}{4}$  oz. 40c.

Nigella, Miss Jekyll, a lovely cornflower blue, on long stems, Pkt. 10c;  $\frac{1}{4}$  oz. 40c.

**NICOTIANA—Sweet Scented Tobacco**

One of the easiest annuals to raise, and one of the most effective. The blossoms in shape are like a Petunia blossom but with a longer tube. The flowers open toward evening and emit a powerful perfume.

Affinis Hybrids, Mixed in shades of white, red and rose, Pkt. 10c;  $\frac{1}{8}$  oz. 25c.

**PETUNIAS**

Petunia—Dwarf California Giants

**PETUNIA.** For outdoor decorations or house culture few plants are equal to this class. They commence to bloom early and continue to flower through the entire summer and fall.

Petunia Hybrids, finest mixed, Pkt. 10c;  $\frac{1}{8}$  oz. 80c;  $\frac{1}{4}$  oz. \$1.50.

**DWARF CALIFORNIA GIANTS MIXED PETUNIAS.** A special mixture of colors of the large flowering and fringed sorts. We are sure no other Petunia mixture can produce flowers of a wider range of colors and markings.

Special Mixed, Pkt. 25c; 3 Pkts. 65c.

**PETUNIA, LARGE FLOWERING SINGLE.** Excellent for bedding and potted plants.

BURGUNDY, rich wine red.

DWARF PINK GLORY, bright rose pink.

DWARF ELK'S PRIDE, velvety violet.

BLACK PRINCE, deep velvety red.

IMPROVED SNOWSTORM, pure white.

KING HENRY, rich velvety blood-red.

Any of the above, Pkt. 25c; 3 Pkts. for 65c.



## PANSIES



*Giant Pansy*

**PANSIES.** Seed sown in the open ground in early spring will give fine blossoms in late summer or autumn and a good crop of flowers the following season. Plant in a half shady place and keep well watered.

**SWISS GIANT MIXTURE.** A very special mixture made up of a number of extra good Swiss Giant strains. The flowers will average 3 to 4 inches and are held on stout stems well above the foliage and of many colors.

*Swiss Giant Mixture, Pkt. 20c; 1/16 oz. 85c; 1/8 oz. \$1.50.*

**GIANT PANSY MIXTURE.** Our Giant Mixed embraces all shades, and a great many special strains of the largest and finest sorts known. For great size of blooms and beautiful types this mixture cannot be surpassed.

*Giant Mixture, Pkt. 25c; 1/16 oz. 90c; 1/8 oz. \$1.65.*

**SWISS GIANT SPECIAL MIXTURE.** An excellent blend of Swiss Giant Pansy. The plants are uniformly compact and most of the large blooms are waved, giving them the appearance of being frilled; coming in a remarkable fine color range with dark rich colors predominating.

*Swiss Giant Special Mixtures, Pkt. 30c; 1/16 oz. \$1.00; 1/8 oz. \$1.85.*

## PHLOX DRUMMONDI

This brilliant annual continues to bloom long after most flowering plants are gone, making it a splendid bedding plant. It is grown and can be sown as early in the spring as the ground can be worked.

*Finest Mixed, all colors, Pkt. 15c; 1/16 oz. 45c; 1/8 oz. 75c; 1/4 oz. \$1.35.*

## POPPIES

**ANNUAL POPPIES.** Showy, large, brilliant, colored flowers, growing freely in any garden soil. Produces a fine effect in clumps or beds.

*Best Single, Shirley Mixed, Pkt. 10c; 1/4 oz. 35c.*

*Double Shirley Hybrid, Mixed, Pkt. 10c; 1/4 oz. 35c.*

**AMERICAN LEGION POPPY.** Large, brilliant orange-scarlet. It is a single annual.

*Pkt. 10c. 1/4 oz. 25c.*

## PORTULACA—ROSE MOSS

This plant will grow and bloom profusely in a dry, hot situation. The plants are of a dwarf spreading habit of growth, flowers of double sorts are like a small rose, with its many brilliant colors. Portulaca makes a beautiful attraction.

*Best Double Mixed, Pkt. 15c; 1/16 oz. 45c; 1/8 oz. 75c; 1/4 oz. \$1.25.*

## RICINUS or CASTOR BEAN

Stately, strong growing plants with very ornamental foliage; well adapted as center plants for beds and give a garden a tropical appearance. The giant leaves often measure 2 to 2½ feet across.

*Mixed all sorts, Pkt. 10c; 1 oz. 30c; 1/4 lb. 75c.*

## SCHIZANTHUS—Butterfly Flower

This beautiful and showy annual is one of the most charming flowers for the garden in summer or for the house in winter. The seed germinates readily and in a few weeks the plant is a mass of small but bright flowers in a range of colors all blotched and marked in contrasting shades.

*Giant Hybrids, mixed, Pkt. 15c; 1/16 oz. 50c.*

## SCABIOSA

**SCABIOSA—MOURNING BRIDE.** Commonly known as the Pin Cushion Plant. The flower stems are long and blossoms keep well in water. When kept well picked will continue to bloom through the summer. Colors range white, yellow, flesh, scarlet, azure, red crimson and rose.

*Finest Strains Mixed, Pkt. 10c; 1/4 oz. 45c.*

**SCABIOSA, Double Large Flowering—**

*Blue Moon, rich lavender blue.*

*King of the Blacks, reddish black.*

*Salmon Beauty, pure salmon.*

*Rosette, deep rose suffused salmon.*

*Shasta Improved, pure white.*

*Any of the above, Pkt. 10c; 1/4 oz. 45c.*



*Scabiosa*

## SCARLET RUNNER BEAN

A very hardy annual climber of the bean family; grows rapidly, foliage is quite dense, and are brilliant scarlet flowers throughout the season. A splendid vine for porches and trellises.

*1 oz. 10c; 1/4 lb. 25c.*

## STRAW FLOWER or EVERLASTING HELICHRYSUM

Excellent for winter bouquets. As the name indicates, when dried they retain their natural colors, and are practically everlasting. Cut before fully expanded, tie in bunches and hang in a warm dry room.

*Special mixture of the best and popular shades, Pkt. 10c; 1/8 oz. 35c; 1/4 oz. 60c.*

## GIANT SWEET SULTAN OR CENTAUREA IMPERIALS

The flowers in a way resemble Centaurea or Bachelor Button, but very much larger and finer. One of the hardiest and most beautiful annuals. Very hardy and easily grown.

*Imperials, Mixed, Pkt. 10c; 1/4 oz. 45c.*



**SALVIA or SCARLET SAGE**

Of dark green foliage, producing abundance of bright scarlet flowers, borne on long spikes, fine for a brilliant color effect. Height about two feet.

*Bonfire or Clara Bedman, finest strain; Pkt. 20c; 1/8 oz. 90c; 1/4 oz. \$1.50.*

*Splendens, tall; Pkt. 15c; 1/8 oz. 65c; 1/4 oz. \$1.15.*

**SALPIGLOSSIS**

Only nature can paint its wonderful colors. The beautiful flowers are veined with a glint of gold and are tube shaped, much like a Petunia. Sow seed in open ground in the spring. Blossoms in early summer and continues until frost.

*Best Special Mixed, Pkt. 10c; 1/8 oz. 40c.*

**STOCKS**

*Stocks*

The Stocks represent all the desirable qualities of a flower. The plants have good growing habits, fine dull, glossy leaves. The flowers appear on long, stiff stalks like small rosettes; are exceedingly fragrant and range through a most complete scale of all the soft distinct shades. The spicy fragrance of Stocks perfume the whole garden and the abundance of beautiful bloom adds greatly to its attraction.

*Dwarf 10 weeks Stocks, finest mixed all colors, Pkt. 10c; 1/8 oz. 50c; 1/4 oz. 90c.*

*Giant Perfection Stocks, mixed, Pkt. 10c; 1/8 oz. 50c; 1/4 oz. 90c.*

**VERBENAS**

**VERBENA GIANT FLOWERED.** Very few plants will make such a gorgeous display during the summer months as Verbenas or furnish more flowers for cutting. Sow seed in open ground in May. They begin flowering in July and are a riot of bloom until after frost.

*Giant Flowered, Beauty of Oxford. Color varies from rose pink to rose red.*

*GIANT FLOWERED FLORADALE BEAUTY, bright rose pink.*

*GIANT FLOWERED LUCIFER, bright scarlet.*

*GIANT FLOWERED BLUE, with white eye.*

*GIANT FLOWERED SALMON PINK.*

*GIANT FLOWERED WHITE.*

*Any of the above, Pkt. 15c; 1/8 oz. 60c; 1/4 oz. \$1.00.*

*Giant Flowered Mixed, all colors, Pkt. 15c; 1/8 oz. 50c; 1/4 oz. 90c.*

**VIOLAS**

*Carnuta Type* are very popular for use in the foreground of the border in beds and in rock gardens. They are easily grown and bloom all through the summer until hard frost. They are of dwarf, spreading habit and bloom first year from seed.

*Blue Perfection, medium clear blue; Pkt. 20c; 1/16 oz. 65c; 1/8 oz. \$1.10.*

*Special Mixture, all colors; Pkt. 20c; 1/16 oz. 65c; 1/8 oz. \$1.10.*

**SWEET PEAS**

Sow as early in spring as possible, the earlier the better. Soil should be very rich and peas planted deep, 4 to 5 inches; the ground should be well mulched with well rotted manure. Sweet Peas will bloom from spring until snow flies if properly handled. Sow 1 ounce to 10 feet of row.

**SWEET PEAS — SPECIAL MIXTURE** of *Spencer Varieties*. This mixture is one of the best. Contains all colors in right proportions and makes a beautiful display.

*Pkt. 10c; 1 oz. 25c; 1/4 lb. 75c; 1/2 lb. \$1.25.*

**SWEET PEAS—PRIZE MIXTURE** of *Spencer Varieties*. This splendid mixture contains the cream of the new standard sorts of the large flowering *Spencer strains*; also many of the early *Spencer varieties*, including the daintiest colors.

*Pkt. 10c; 1 oz. 30c; 1/4 lb. \$1.00; 1/2 lb. \$1.75.*

**SPENCER SWEET PEAS***Named Varieties*

We carry in stock many of the finest *Spencer types* of straight colors. Listed below is an assortment of the choicest varieties.

*PATRICIA UNWIN, salmon pink, cream ground.*

*PINKIE, clear deep, rose pink, the large well formed flowers are carried in fours on long stems.*

*RED BOY, crimson.*

*KING WHITE, gigantic flowers of pure white.*

*WARRIOR, chocolate maroon.*

*HIGHLANDER, pure lavender.*

*FORTUNE, rich dark blue.*

*TANGARINE IMPROVED, deep salmon orange.*

*GRAND NATIONAL, rich cream.*

*YOUTH, large white, pink picotee edge.*

*OLYMPIA, deep rich purple.*

*MRS. TOM JONES, delphinium blue.*

*CHIEFTAIN, satin-mauve, very fine.*

*SALMON GIGANTIC, giant salmon pink.*

*HUNTSMAN, bright scarlet.*

*PRINCE OF ORANGE, deep orange.*

*Any of the above, Pkt. 10c; 1 oz. 30c; 1/4 lb. \$1.00.*

*One packet each of above, 16 packets, \$1.20; any five packets of above, your selection, 40c; any four 1 oz. packets of above, your selection, \$1.00.*



*Sweet Peas*

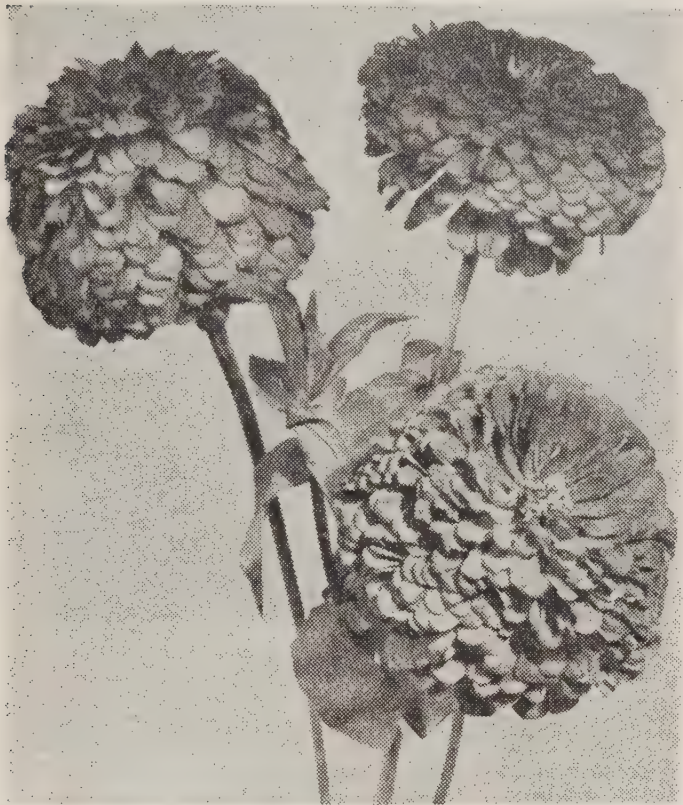


**WALLFLOWER**

A very fragrant sweet scented flower, that is adapted to pot culture as well as outside bedding. Its bright coloring in shades of rich reds and yellows is very effective. They are easily grown and last as long as cut flowers.

*Double Early Wonder, mixed, Pkt. 10c; 1/8 oz. 50c.*

*Annual Single, mixed, Pkt. 10c; 1/4 oz. 30c.*

**ZINNIAS**

*Zinnia*

The Zinnia is prized for its brilliant colors, for the size and perfection of its flowers and for its sturdy growth. Sow seeds in open ground in May. Blooms from July until killed by frost. No flowers known will produce a finer showing than a bed of brilliant colored Zinnias.

*All Elegans, finest mixed, Pkt. 10c; 1/4 oz. 50c; 1 oz. \$1.60*

**CALIFORNIA GIANT ZINNIAS.** The large double, graceful flowers are from 5 to 6 inches across with overlapping petals more loosely placed than the Dahlia flowered type. The plants are vigorous and grow about 3 feet tall. Excellent for cutting.

**GRENADIER**, dark red.

**MISS WILLMOTT**, soft pink.

**ORANGE KING**, burnt orange.

**PURITY**, pure white.

**ROSE QUEEN**, bright rose.

**DAFFODIL**, canary yellow.

**VIOLET QUEEN**, deep purple.

*Any of the above, Pkt. 10c; 1/4 oz. 50c; 1 oz. \$1.50.*

**CALIFORNIA GIANT ZINNIAS.** Special mixed.  
*Pkt. 10c; 1/4 oz. 50c; 1 oz. \$1.40.*

**DAHLIA FLOWERED ZINNIAS.** These giant showy flowers are often 2 to 3 inches in depth and 5 to 6 inches in diameter, resembling Show Dahlias. The well branched sturdy plants grow 3 feet high.

*Gold Medal Mixture, Pkt. 10c 1/4 oz. 50c; 1 oz. \$1.50.*

**FANTASY ZINNIAS.** The double, well-rounded, medium sized flowers are composed of a mass of shaggy ray-like petals resembling shaggy chrysanthemums. The plant grows 2 1/2 to 3 feet tall.

*Fantasy, finest mixed, Pkt. 10c; 1/4 oz. 50c.*

**HOWARD'S GIANT CRESTED ZINNIAS, MIXED COLORS.** The large flowers of this improved strain of Scabiosa Flowered Zinnias, average 4 inches in diameter with a full rounded cushiony center surrounded by broad guard petals. This excellent strain contains all known colors to be found in zinnias and is an outstanding cut-flower for the home gardener. Grows 2 to 3 feet high.

*Howard's Giant Crested Zinnia, Mixture, Pkt. 15c; 1/8 oz. 50c; 1/4 oz. 90c.*

**DWARF ZINNIAS, Pompom Lilliput or Baby Zinnia.** The plants are dwarf, bushy and very branching, 12 to 18 inches tall, covered with very pretty double flowers hardly exceeding a daisy flower in size. Excellent for borders, beds or as a cut flower. Blooms all summer.

*Special Mixture, Pkt. 10c; 1/4 oz. 50c; 1 oz. \$1.40.*

**Perennial Flower Seeds**

*Bloom Second Year From Sowing*

Sow perennials in beds or plots this season and transplant to permanent location during the summer and early fall.

**AQUILIGEA or COLUMBINE**

Charming, hardy plants, bearing in countless numbers through May and June. Exquisite, clear blue, white, rose, yellow, purple and striped blossoms.

*Mrs. Scott Elliott's Long Spurred Hybrids, Mixed, Pkt. 20c; 1/16 oz. 60c; 1/8 oz. \$1.00.*

**ANEMONE or WINDFLOWER**

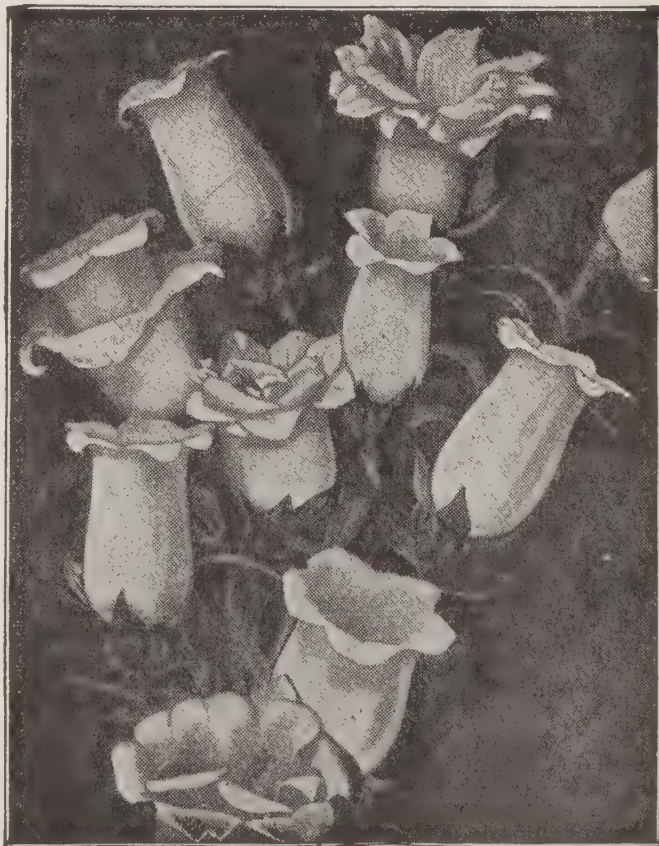
Very pleasing, hardy perennial plants for borders and beds. The fine, large flowers are fine for bouquets. Flowers shaped like a single poppy; all colors.

*Finest Mixed, all colors of the choicest sorts, Pkt. 15c; 1/16 oz. 50c.*

**CAMPANULA or CANTERBURY BELL**

Very ornamental perennials, growing about 2 feet high; producing large bell-shaped flowers on long spikes which make a glorious display when planted in beds.

*Cup and Saucer, mixed, Pkt. 15c; 1/8 oz. 45c.*



*Campanula or Canterbury Bell*





*Aquiligea or Columbine*

### DELPHINIUM

Grows about 5 feet tall and produces immense spikes of flowers often 2 feet in length. The flowers include both double and single types and range in color from pale lavender to indigo blue.

*Gold Medal Choicest, mixed, Pkt. 15c; 1/8 oz. 50c; 1/4 oz. 90c.*

### DOUBLE or ENGLISH DAISY

Charming plants for edging and dwarf beds; blooming first years from seed. Thrive well in shady places.

*Double, extra choice mixed, Pkt. 15c; 1/16 oz. 30c; 1/8 oz. 50c.*

### SHASTA DAISY

The very large flowers are 3 to 4 inches in diameter when at their best. Growing on long stems with two rows of broad, pure white petals and a yellow center.

*Alaska finest strain, Pkt. 10c; 1/8 oz. 45c.*

**GIANT DOUBLE SHASTA DAISY.** The large flowers, 5 inches across are borne on long wirey stems, blooming over a long period. The first year the flowers will show a high percentage of singles but the second year they will show practically 100% double.

*Pkt. 25c; 1/32 oz. 75c.*



*Sweet William*

### DIANTHUS—SWEET WILLIAM

A splendid plant producing its large heads of beautiful colored sweet-scented flowers in great abundance. The unique colorings and shades of the flowers make a wonderful display.

*Special Mixed, Pkt. 15c; 1/8 oz. 50c.*



*Hollyhocks*

### DIGITALIS or FOXGLOVE

An ornamental, hardy plant of stately growth. The flower spikes are often 3 feet long and covered with bell-shaped flowers in many colors, very striking and beautiful.

*Special Mixture, all colors, Pkt. 10c; 1/8 oz. 50c.*

### GAILLARDIA or BLANKET FLOWER

Will produce from early spring until late fall a continuous profusion of brilliantly colored flowers of red and yellow shades. Of easy culture.

*Grandiflora, choice mixed, Pkt. 10c; 1/8 oz. 35c.*

### HOLLYHOCKS

Perennial plants of stately growth, which will flower from seeds the first year. Hollyhocks are easily grown, very showy and attractive.

*Double, extra choice mixed, Pkt. 15c; 1/8 oz. 50c.*

### HIBISCUS

A very hardy, showy, shrub-like plant with immense, bell-shaped flowers measuring 4 to 5 inches in diameter. The large showy blooms well covering the plant are white, pink and red in color.

*Mallow Marvel, mixed, Pkt. 15c; 1/4 oz. 60c.*

### LATHYRUS LATIFOLIUS

**Perennial Sweet Peas.** A desirable climbing vine of the Pea family for growing on fences, trellises, etc. The showy clusters of fine, Sweet Pea like flowers will bloom all summer if the seed pods are removed. Excellent for cutting.

*Finest Mixed, Pkt. 10c; 1/4 oz. 40c.*

### PENTSTEMON (Bearded Tongue)

Showy perennial plants, growing from 2 feet to 4 feet high; are rather bushy and have very long slender spikes which bear many trumpet-shaped flowers with hairy throats from whence the name Bearded Tongue comes.

*Choice Mixed, Pkt. 15c; 1/8 oz. 75c.*



PYRETHRUM—PAINTED DAISY

An unusually fine perennial of the daisy family. The daisy-like flowers are very attractive and showy in the garden and with their long stems and good lasting qualities make a splendid cut flower.

Finest Single Mixed, Pkt. 20c; 1/16 oz. 50c.

ORIENTAL POPPY

The tall stems about 3 feet high, bear giant flowers of brilliant scarlet 6 to 8 inches across. The plants thrive well in either sun or partial shade.

Pkt. 15c; 1/8 oz. 75c.

NUDICAULLE (Iceland Poppy)

The flowers are borne on stems which rise to a foot above a tuft of fern leaves. The bright colored flowers are shades of orange, salmon, maize and other tints. Will bloom the first season from seed if sown early in the spring.

Special Mixture, Pkt. 15c; 1/8 oz. 60c.

STATICE (Sea Lavender)

The stemless leaves spring direct from the root stock and the flower stems are more or less twiggy, bearing their small flowers in much-branched panicles. The flowers are useful for drying for winter use.

LATIFOLA—Tall, dense, branching plumes of deep blue flowers, Pkt. 15c; 1/8 oz. 40c.

BIRD FOOD

Petamine

The Wonder Food for Canaries

Petamine is nutritionally-balanced diet for Canaries and other cage birds. It is fortified with vitamins and all food elements needed to keep Canaries in tip-top condition. Contains Canary, Rape and many other seeds—all relished by cage birds.

5oz. pkg., 45c, postage paid; 2 lb. pkg. \$1.30; 5 lb. pkg. \$2.65; F.O.B. Twin Falls. Shipping weight, 2 lb. pkg. 3 lbs.; 5 lb. pkg., 6 lbs.

Our Bird Seeds are all of good re-cleaned seeds. Best Mixed. A mixture composed of canary, rape, large and small millets, hempseed and oats.

1 lb., 45c; postage paid. 5 lbs. \$1.30; F.O.B Twin Falls. Shipping weight, 6 lbs.

Canary and Rape mixed, 1 lb. 45c; postage paid. 5 lbs. \$1.35, F.O.B. Twin Falls. Shipping weight, 6 lbs.

LOVE BIRD MIXTURE. Composed of Canary, large millet, oats and flax.

1 lb. 40c; postage paid; 5 lbs. \$1.15 F.O.B. Twin Falls. Shipping weight, 6 lbs.

All bird food prices subject to change.

You will be doing us a great favor by mailing your orders early, as we receive a great number of orders each day during the planting season. You may be assured of our prompt and careful attention in filling your order.

SPECIAL FLOWER SEED COLLECTIONS

Collection No. 1

FOR THE ANNUAL FLOWER GARDEN

15 Packets for \$1.20

1 Pkt. Snapdragon, finest mixed .....	15c
1 Pkt. Sweet Alyssum, Little Gem .....	10c
1 Pkt. Ageratum, Tall or Dwarf mixed .....	10c
1 Pkt. Asters, Special mixed .....	15c
1 Pkt. Centaurea, finest mixed .....	10c
1 Pkt. Cosmos, best early single, mixed .....	10c
1 Pkt. Larkspur, Giant Imperial, mixed .....	10c
1 Pkt. Helianthus, finest double mixed .....	10c
1 Pkt. Marigold, Tall African, mixed .....	10c
1 Pkt. Kochia Burning Bush .....	10c
1 Pkt. Poppy, Double Shirley, mixed .....	10c
1 Pkt. Petunia, Hybrid, finest mixed .....	10c
1 Pkt. Verbena, Giant Flowered, mixed .....	15c
1 Pkt. Sweet Sultan, Imperialis, mixed .....	10c
1 Pkt. Zinnia, all Elegans mixed .....	10c

Collection No. 2

FOR THE PERENNIAL FLOWER GARDEN

10 Packets for \$1.00

1 Pkt. Aquilega or Columbine mixed .....	20c
1 Pkt. Campanula-Canterbury Bell .....	15c
1 Pkt. Sweet William, mixed .....	15c
1 Pkt. Delphinium, Gold Medal Hybrids .....	15c
1 Pkt. Gaillardia mixed .....	10c
1 Pkt. Shasta Daisy, Alaska .....	10c
1 Pkt. Digitalis, Foxglove Special mixed .....	10c
1 Pkt. Hollyhocks, Double mixed .....	15c
1 Pkt. Hibiscus, Mallow Marvel .....	15c
1 Pkt. Oriental Poppy, Scarlet .....	15c

Number of Plants Required to the Acre

Distance Apart	No. of Plants	Distance Apart	No. of Plants
1 ft. x 1 ft. ....	43,560	3 ft. x 3 ft. ....	4,840
1½ ft. x 1½ ft. ....	19,360	4 ft. x 4 ft. ....	2,720
2 ft. x 1 ft. ....	21,780	5 ft. x 4 ft. ....	2,178
2 ft. x 2 ft. ....	10,890	5 ft. x 5 ft. ....	1,740
2½ ft. x 2½ ft. ....	6,960	6 ft. x 6 ft. ....	1,210
3 ft. x 2 ft. ....	7,600	8 ft. x 8 ft. ....	680

Number of Plants Produced From an  
Ounce of Seed

Asparagus, about ....	300	Egg Plant, about ....	1,000
Cabbage, about ....	2,000	Pepper, about ....	2,000
Cauliflower, about ....	2,000	Tomato, about ....	3,000
Celery, about ....	3,000	Sage, about ....	1,000

DEPTH FOR PLANTING VEGETABLES

	Inches		Inches
Beans .....	1½	Lettuce .....	¼ to ½
Beets .....	½ to ¾	Mustard .....	¼
Broccoli .....	¼ to ½	Muskmelon .....	1½
Brussels Sprouts .....	¼ to ½	Okra .....	1½
Cabbage .....	¼ to ½	Onion Seed .....	½
Carrot .....	¼ to ½	Parsley .....	¼
Cauliflower .....	¼ to ½	Parsnips .....	½
Celery .....	½	Peas .....	2
Chicory-Witloof .....	¼	Radish .....	½ to ¾
Collards .....	¼	Salsify .....	¼ to ½
Corn .....	2	Spinach .....	¾
Cucumber .....	¾ to 1	Squash .....	1½
Egg Plant .....	½	Swiss Chard .....	½ to ¾
Endive .....	¼	Tomato .....	½
Kale .....	¼	Turnip .....	¼
Kohl-rabi .....	¼	Rutabaga .....	¼



**HYPONEX**  
Grows **BETTER**  
Plants **QUICKER**

Makes perfect balanced plant food when dissolved in water and applied. Grows sturdier, more luxuriant house plants, flowers, vegetables, lawns, trees in poorest soil—even in sand, cinders or water (Hydroponics). Has highest percentage of quickly available plant food elements. Won't burn... Clean and odorless. Excellent for cuttings, seedlings, transplants. 1 oz. makes 6 gallons liquid food.

## HYPONEX

Prices, 1 oz. packet, 15c; 3 oz. can, 35c, postage paid; 7 oz. can, 50c; 1 lb can, \$1.00, F.O.B. Twin Falls. Shipping weight, 7 oz. can, 1 lb; 1 lb can, 2 lbs. Prices subject to change.

## WATCH YOUR GARDEN BLOSSOM OUT!



... when you use

## Thompson's VITAMIN B<sub>1</sub> PELLETS

(Now contain all the known factors of Vitamin B-Complex.)

Famous as a root-growth factor and stimulant. Thompson's B<sub>1</sub> Pellets have been enthusiastically endorsed by thousands of gardeners.

Vitamin B<sub>1</sub> Pellets are easy to use. Dissolve one pellet in 20 drops of water in a small vial, then shake one drop into one gallon of water and apply to all plants.

Box of 20 pellets, 25c; box of 200 pellets, \$1.00. Postage Paid. Prices subject to change.

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# ORDER BLANK

**DINGEL & SMITH SEED CO.**

## Twin Falls, Idaho

Date.....

**Dear Sirs:** Please send me the articles named below subject to conditions named in your catalog:

Name.....

P. O. ...., State .....

Freight or Express Office if Different from P. O.....

Amount enclosed \$\_\_\_\_\_ (P. O. Order) (Express M. O.) (Draft) (Cash). Check the method you use. Forward (Mail) (Express) (Freight) (Truck). Please do not send stamps on orders of 50c or over.

**Before mailing your order read Parcel Post Instruction on inside cover of this catalog.**

[illegible]







FIELD SEED TABLE

Alfalfa .....	10- 20 lbs.	Spring or Fall
Red Clover .....	10- 15 lbs.	Spring or Fall
Alsike Clover .....	7 lbs.	Spring or Fall
White Clover .....	6 lbs.	Spring or Fall
Red Top, hulled seed .....	15 lbs.	Spring or Fall
Orchard Grass, for pasture .....	20 lbs.	Spring or Fall
Kentucky Blue Grass, for pasture .....	20 lbs.	Spring or Fall
Kentucky Blue Grass, for lawn .....	1 lb. to 300 sq. ft.	Spring or Fall
Timothy .....	12 lbs.	Spring or Fall
Millet, Golden, for hay or seed .....	30 lbs.	May 1st to July 10th
Millet, Broom Corn .....	50 lbs.	May 1st to July 10th
Wheat .....	100-120 lbs.	Early Spring
Oats .....	100 lbs.	Early Spring
Mixed Grasses, for pasture .....	20- 25 lbs.	Spring or Fall
Barley .....	100 lbs.	Early Spring to June
Rye .....	100 lbs.	Early Spring to Fall
Corn .....	8- 10 lbs.	May 10th to June 1st
Cane, in rows for sorghum .....	8 lbs.	May 10th to June 1st
Cane, broadcast for fodder .....	100-150 lbs.	May 10th to June 1st
Beans, field .....	60 lbs.	May 20th to June 10th
Field Peas .....	120 lbs.	Earlier the better
Flax .....	40- 50 lbs.	April 1st to May 15th

For postal instruction see inside of front cover.

TABLE SHOWING WEIGHT OF FIELD SEEDS

Barley .....	per bushel	48 lbs.
Beans .....	per bushel	60 lbs.
Buckwheat .....	per bushel	48 lbs.
Broom Corn .....	per bushel	46 lbs.
Blue Grass .....	per bushel	14 to 21 lbs.
Clover Seed .....	per bushel	60 lbs.
Corn, Field, shelled .....	per bushel	56 lbs.
Corn, on the ear .....	per bushel	70 lbs.
Millet, Golden .....	per bushel	50 lbs.
Oats, "Idaho" .....	per bushel	40 lbs.
Onion Sets .....	per bushel	32 lbs.
Orchard Grass .....	per bushel	14 lbs.
Perennial Rye Grass .....	per bushel	24 lbs.
Peas, smooth .....	per bushel	60 lbs.
Peas, wrinkled .....	per bushel	56 lbs.
Rape, Dwarf, Essex .....	per bushel	50 lbs.
Red Top Grass, recleaned .....	per bushel	56 lbs.
Rye .....	per bushel	32 lbs.
Sorghum or Cane .....	per bushel	50 lbs.
Timothy Seed .....	per bushel	45 lbs.
Vetches .....	per bushel	60 lbs.
Wheat .....	per bushel	60 lbs.

TABLE OF AMOUNT OF SEED AND TIME TO SOW

	100-ft. Row	One Acre	
Asparagus .....	2 oz.	4 lbs.	Early Spring
Bush Beans .....	1 lb.	60 lbs.	May 15th to July 1st
Pole Beans .....	1 lb.	60 lbs.	May 15th to July 1st
Beet, Table .....	2 oz.	10 lbs.	April 1st to July 1st
Beet, Mangel .....	2 oz.	12 lbs.	April 1st to June 1st
Brussels Sprouts .....	1/3 oz.	6 oz.	Early Spring
Cabbage .....	1/3 oz.	1 lb.	Early Spring
Carrot .....	1 oz.	3 lbs.	April 1st to July 1st
Cauliflower .....	1/3 oz.	1 lb.	Early Spring
Celery .....	1/8 oz.	2 oz.	Early Spring
Corn, Sweet .....	1/4 lb.	10 lbs.	May 1st to June 10th
Cress .....	1/2 oz.		Early Spring
Cucumber .....	1/2 oz.	2 lbs.	May 10th to June 10th
Egg Plant .....	1/8 oz.		Early Spring
Endive .....	1 oz.		Early Spring to August
Kale .....	1/8 oz.		Early Spring
Kohlrabi .....	1/8 oz.		Early Spring
Lettuce .....	1 oz.	3 lbs.	Early Spring to August
Muskmelon .....	1/2 oz.	3 lbs.	May 10th to June 1st
Watermelon .....	1 oz.	4 lbs.	May 10th to June 1st
Okra .....	2 oz.		May 1st
Onion .....	1 oz.	3 lbs.	March 1st to May 1st
Parsley .....	1/2 oz.		Early Spring
Parsnip .....	1/2 oz.	5 lbs.	Early Spring
Peas .....	2 lbs.	120 lbs.	April 1st to August 1st (do better early)
Peppers .....	1/8 oz.		Early Spring
Pumpkin .....	1 oz.	4 lbs.	May 10th to June 1st
Radish .....	2 oz.	10 lbs.	Early Spring
Salsify .....	1 oz.		Early Spring
Spinach .....	1 oz.	10 lbs.	Early Spring or Fall
Squash .....	1 oz.	4 lbs.	May 10th to June 1st
Tomato .....	1/8 oz.	4 oz.	Early Spring
Turnip .....	1/2 oz.	2 lbs.	April 1st to August 15th



# *Selected* SEEDS

*... give highest yields!*



## DINGEL & SMITH

Seed Company

